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SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: HANH THAI Examiner #: 79364 Date: 7/27/04
 Art Unit: 2171 Phone Number 305-4883 Serial Number: # 09/805791
 Mail Box and Bldg/Room Location: 4003 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: System & Method for managing product development.
 Inventors (please provide full names): John Eugene planalp, Suzanne Miranda Kopcha,
and Joseph Fernand Deplander.
 Earliest Priority Filing Date: 12/19/2000

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

- Technical requirement data for a product including product, material & packaging data in structured solution database.
- Linking unstructured documents to the technical requirements data.
- group technical requirement into summaries.
- linking technical requirement → finish product.
- approval information
- approved technical requirement.

(Please see attach claims).

7/28/04 8:30 am

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Searcher: <u>Delese Esterheld</u>	Type of Search	Vendors and cost where applicable
Searcher Phone #: <u>308-7795</u>	NA Sequence (#) _____	STN _____
Searcher Location: <u>4B30</u>	AA Sequence (#) _____	Dialog _____
Date Searcher Picked Up: <u>7/29/04 9:15 am</u>	Structure (#) _____	Questel/Orbit _____
	Bibliographic _____	Dr.Link _____
Date Completed: _____	Litigation _____	Lexis/Nexis _____
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Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____

L Number	Hits	Search Text	DB	Time stamp
7	25	((structur\$2 same relational same database) and (product same material same packag\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/03 13:40
8	40	"5208765"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/03 13:41
10	2	5208765.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/03 13:43
11	2	4644480.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/03 13:45
12	2	4648023.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/03 13:46
13	2	4679137.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/03 13:48
14	2	4878175.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/03 13:49
15	2	4896269.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/03 13:50
16	2	4937743.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/03 13:51

Set	Items	Description
S1	3	AU='PLANALP J E' OR AU='PLANALP JOHN EUGENE'
S2	6	AU='KOPCHA S M' OR AU='KOPCHA SUZANNE MIRANDA'
S3	102	AU='DEFLANDER J':AU='DEFLANDER JOSEPH FERNAND'
S4	105	S1 OR S2 OR S3
S5	5	S4 AND IC=G06F?

File 347:JAPIO Nov 1976-2004/Mar(Updated 040708)

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File 348:EUROPEAN PATENTS 1978-2004/Jul W03

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File 349:PCT FULLTEXT 1979-2002/UB=20040722,UT=20040715

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File 350:Derwent WPIX 1963-2004/UD,UM &UP=200448

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5/5/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01494783

SYSTEM AND METHOD FOR MANAGING PRODUCT DEVELOPMENT
SYSTEM UND VERFAHREN ZUR VERWALTUNG DER PRODUKTENTWICKLUNG
SYSTEME ET PROCEDE DE GESTION DE LA MISE AU POINT D'UN PRODUIT
PATENT ASSIGNEE:

THE PROCTER & GAMBLE COMPANY, (200173), One Procter & Gamble Plaza,
Cincinnati, Ohio 45202, (US), (Applicant designated States: all)

INVENTOR:

PLANALP, John, Eugene , 311 Willowbrook Lane, Wyoming, OH 45215, (US)
KOPCHA, Suzanne, Miranda , 4992 Concord Glen Drive, Cincinnati, OH 45244
, (US)

DEFLANDER, Joseph, Fernand , Elleveldweg, 28, B-3150 Wespelaar, (BE)
LEGAL REPRESENTATIVE:

Canonici, Jean-Jacques et al (57868), NV Procter & Gamble Services
Company SA, Temselaan 100, 1853 Strombeek-Bever, (BE)

PATENT (CC, No, Kind, Date): EP 1344120 A2 030917 (Basic)

WO 2002050634 020627

APPLICATION (CC, No, Date): EP 2001990243 011219; WO 2001US49148 011219

PRIORITY (CC, No, Date): US 256817 P 001219

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-001/00**

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 021113 A2 International application. (Art. 158(1))

Application: 021113 A2 International application entering European
phase

Application: 030917 A2 Published application without search report

Examination: 030917 A2 Date of request for examination: 20030526

LANGUAGE (Publication,Procedural,Application): English; English; English

5/5/2 (Item 1 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00946209 **Image available**

DISTRIBUTED PRODUCT DEVELOPMENT
DEVELOPPEMENT DE PRODUITS DISTRIBUE

Patent Applicant/Assignee:

THE PROCTER & GAMBLE COMPANY, One Procter & Gamble Plaza, Cincinnati, OH
45202, US, US (Residence), US (Nationality)

Inventor(s):

KOPCHA Suzanne Miranda , 4992 Concord Glen Drive, Cincinnati, OH 45244,
US

Legal Representative:

REED T David (et al) (agent), The Procter & Gamble Company, 5299 Spring
Grove Avenue, Cincinnati, OH 45217-1087, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200280434 A2-A3 20021010 (WO 0280434)

Application: WO 2002US7542 20020313 (PCT/WO US0207542)

Priority Application: US 2001805951 20010314

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM
DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ PH PL PT RO RU SD SE SG SI SK (utility model) SK SL TJ TM TR TT
TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 4962

English Abstract

Product development is accomplished through a plurality of product development tools, each tool assisting in a separate aspect of product development. Each tool has at least one instantiation of a tool module implementing tool logic and a tool database (26) accessible by each tool module. Each product development tool communicates with a global readiness database (28). The readiness database (28) includes common information accessible by more than one of the product development tools (24). At least one product supply tool (30) accesses the readiness database (28) to read product development information.

French Abstract

Le developpement de produits s'effectue au moyen d'un groupe de plusieurs outils de developpement de produits, chaque outil servant a traiter un des aspects du developpement de produits. Chaque outil presente au moins une instantiation de module d'outil appliquant une logique d'outil, ainsi qu'une base de donnees d'outils accessible par chaque module d'outil. Chaque outil de developpement de produits communique avec une base de donnees de preparation globale. La base de donnees de preparation comprend des informations communes accessibles par plus d'un des outils de developpement de produits. Au moins un outil d'approvisionnement en produits accede a la base de donnees de preparation pour lire les informations de developpement de produits.

Legal Status (Type, Date, Text)

Publication 20021010 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20030417 Late publication of international search report

Republication 20030417 A3 With international search report.

5/5/3 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00916549 **Image available**

SYSTEM AND METHOD FOR MANAGING PRODUCT DEVELOPMENT

SYSTEME ET PROCEDE DE GESTION DE LA MISE AU POINT D'UN PRODUIT

Patent Applicant/Assignee:

THE PROCTER & GAMBLE COMPANY, One Procter & Gamble Plaza, Cincinnati, OH 45202, US, US (Residence), US (Nationality)

Inventor(s):

PLANALP John Eugene , 311 Willowbrook Lane, Wyoming, OH 45215, US,

KOPCHA Suzanne Miranda , 4992 Concord Glen Drive, Cincinnati, OH 45244, US,

DEFLANDER Joseph Fernand , Elleveldweg, 28, B-3150 Wespelaar, BE

Legal Representative:

REED T David (et al) (agent), The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200250634 A2-A3 20020627 (WO 0250634)

Application: WO 2001US49148 20011219 (PCT/WO US0149148)

Priority Application: US 2000256817 20001219

Designated States:

(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)

AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ (utility model) CZ DE (utility model) DE DK (utility model) DK DM
DZ EC EE (utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ PH PL PT RO RU SD SE SG SI SK (utility model) SK SL TJ TM TR TT
TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: **G06F-017/60**

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10507

English Abstract

A system, method, and computer readable storage medium for managing product development include a relational database containing draft, approved, and archived versions of product, package, materials, process, and artwork technical data for use by product development personnel in providing a structured set of data output for use in a supply chain. In one embodiment, the relational database (600) includes objects having data to describe design requirements of a finished product component such as a formula, material, package, and the like. Text documents may be linked (610) to the relational data structure by reference to provide design requirements not amenable to a structured data format, such as test methods, process instructions, and the like. The system, method, and computer readable storage medium provide for electronic communication and electronic approval of data subsets while tracking changes (640) and archiving previous versions for subsequent access or reference. System validation and ongoing change control provide necessary support for products in regulated industries

French Abstract

L'invention concerne un systeme, un procede, et un support de stockage lisible par ordinateur servant a gerer la mise au point d'un produit, qui presentent une base de donnees relationnelles contenant des versions preliminaires, approuvees et archivees du produit, des donnees techniques d'emballage, de materiaux, de traitement et d'oeuvre d'art destines a etre utilises par le personnel charge de la mise au point du produit pour fournir un ensemble structure de sorties de donnees utilisables dans une chaine d'approvisionnement. Dans un mode de realisation, la base de donnees relationnelles contient des objets accompagnes de donnees decrivant les specifications exigees d'un composant de produit fini, telles qu'une formule, un materiau, un emballage, etc. Des documents textuels peuvent etre lies par reference a la structure des donnees relationnelles, dans le but de produire des specifications exigees non assujetties a un format de donnees structure, telles que des methodes d'essai, des instructions de traitement, etc. Les systeme, procede et support de stockage lisible par ordinateur fournissent une communication electronique et une approbation electronique de sous-ensembles de donnees, en meme temps qu'ils identifient des modifications et archivent des versions anterieures pour un acces ou une reference subsequente. La validation du systeme et le controle des modifications en cours fournissent le support technique necessaire pour les produits dans des industries reglementees.

Legal Status (Type, Date, Text)

Publication 20020627 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20030109 Late publication of international search report

Republication 20030109 A3 With international search report.

Examination 20030206 Request for preliminary examination prior to end of

19th month from priority date

5/5/4 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014979324 **Image available**

WPI Acc No: 2003-039838/200303

XRPX Acc No: N03-031193

**Distributed product development system has readiness database having
common product development information that is accessible by product
development and supply tools**

Patent Assignee: PROCTER & GAMBLE CO (PROC)

Inventor: KOPCHA S M

Number of Countries: 098 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020133250	A1	20020919	US 2001805951	A	20010314	200303 B
WO 200280434	A2	20021010	WO 2002US7542	A	20020313	200303
AU 2002250302	A1	20021015	AU 2002250302	A	20020313	200432

Priority Applications (No Type Date): US 2001805951 A 20010314

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20020133250	A1		10	G06F-019/00	
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WO 200280434	A2 E			H04L-000/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

AU 2002250302	A1			G06F-019/00	Based on patent.WO 200280434.
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Abstract (Basic): US 20020133250 A1

NOVELTY - Multiple product development tools (22) have an instantiating of a tool module (24) implementing tool logic and a tool database (26) accessible by each tool module. A readiness database (28) has a common information accessible by the product development tools. A product supply tool (30) reads product development information from the readiness database.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for product development method.

USE - Distributed product development system.

ADVANTAGE - By the ability of readiness database to restrict access and change of product development information and to log changes to information, the data to be captured is maintained to meet validation requirements for regulated products.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the product development system.

Product development tools (22)

Tool module (24)

Tool database (26)

Readiness database (28)

Product supply tool (30)

pp; 10 DwgNo 1/3

Title Terms: DISTRIBUTE; PRODUCT; DEVELOP; SYSTEM; READY; DATABASE; COMMON;

PRODUCT; DEVELOP; INFORMATION; ACCESS; PRODUCT; DEVELOP; SUPPLY; TOOL

Derwent Class: T01

International Patent Class (Main): G06F-019/00 ; H04L-000/00

File Segment: EPI

5/5/5 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014669973 **Image available**

WPI Acc No: 2002-490677/200252

XRPX Acc No: N02-387871

**Product development management for product research and development,
involves electronically communicating approved technical requirement data
to be used in manufacturing and distribution processes**

Patent Assignee: PROCTER & GAMBLE CO (PROC); DEFLANDER J F (DEFL-I);

KOPCHA S M (KOPC-I); PLANALP J E (PLAN-I)

Inventor: DEFLANDER J F ; KOPCHA S M ; PLANALP J E

Number of Countries: 099 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200250634	A2	20020627	WO 2001US49148	A	20011219	200252 B
AU 200229104	A	20020701	AU 200229104	A	20011219	200264
US 20020143726	A1	20021003	US 2000256817	P	20001219	200267
			US 2001805791	A	20010314	
EP 1344120	A2	20030917	EP 2001990243	A	20011219	200362
			WO 2001US49148	A	20011219	

Priority Applications (No Type Date): US 2000256817 P 20001219; US
2001805791 A 20010314

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200250634	A2	E	69	G06F-000/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

AU 200229104	A			G06F-000/00	Based on patent WO 200250634
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US 20020143726	A1			G06F-007/00	Provisional application US 2000256817
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EP 1344120	A2	E		G06F-001/00	Based on patent WO 200250634
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200250634 A2

NOVELTY - The unstructured documents are linked to stored technical
requirement data and the data are grouped into summaries to define a
finished product. The approved technical requirement data are stored
and electronically communicated to be used in manufacturing and
distribution processes.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the
following:

(1) System for managing product development; and
(2) Computer readable storage medium comprising instructions for
product development management.

USE - For product research and development.

ADVANTAGE - The structured data approach allows using the method
across diverse business and geographic regions. Use of master and
individual level data allows alignment of content to reduce redundant
data entry. The structured data approach facilitates cross-checking of
various elements to ensure overall quality. As data is grouped into
virtual customized document for viewing on screen or printed by user,
it is useful for people who are less comfortable with computer-related
technology.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
technical requirement data in a system.

pp; 69 DwgNo 1/32

Title Terms: PRODUCT; DEVELOP; MANAGEMENT; PRODUCT; RESEARCH; DEVELOP;
ELECTRONIC; COMMUNICATE; APPROVE; TECHNICAL; REQUIRE; DATA; MANUFACTURE;
DISTRIBUTE; PROCESS

Derwent Class: T01

International Patent Class (Main): G06F-000/00 ; G06F-001/00 ;

G06F-007/00

File Segment: EPI

Set	Items	Description
S1	4	AU=(PLANALP, J? OR PLANALP J? OR KOPCHA, S? OR KOPCHA S? OR DEFLANDER, J? OR DEFLANDER J?)
File	2:INSPEC	1969-2004/Jul W3 (c) 2004 Institution of Electrical Engineers
File	6:NTIS	1964-2004/Jul W4 (c) 2004 NTIS, Intl Cpyrght All Rights Res
File	8:EI Compendex(R)	1970-2004/Jul W3 (c) 2004 Elsevier Eng. Info. Inc.
File	34:SciSearch(R)	Cited Ref Sci 1990-2004/Jul W4 (c) 2004 Inst for Sci Info
File	35:Dissertation Abs Online	1861-2004/May (c) 2004 ProQuest Info&Learning
File	65:Inside Conferences	1993-2004/Jul W4 (c) 2004 BLDSC all rts. reserv.
File	92:IHS Intl.Stds.& Specs.	1999/Nov (c) 1999 Information Handling Services
File	94:JICST-EPlus	1985-2004/Jul W1 (c)2004 Japan Science and Tech Corp(JST)
File	95:TEME-Technology & Management	1989-2004/Jun W1 (c) 2004 FIZ TECHNIK
File	99:Wilson Appl. Sci & Tech Abs	1983-2004/Jun (c) 2004 The HW Wilson Co.
File	103:Energy SciTec	1974-2004/Jul B1 (c) 2004 Contains copyrighted material
File	144:Pascal	1973-2004/Jul W3 (c) 2004 INIST/CNRS
File	202:Info. Sci. & Tech. Abs.	1966-2004/Jul 12 (c) 2004 EBSCO Publishing
File	233:Internet & Personal Comp. Abs.	1981-2003/Sep (c) 2003 EBSCO Pub.
File	239:Mathsci	1940-2004/Sep (c) 2004 American Mathematical Society
File	275:Gale Group Computer DB(TM)	1983-2004/Jul 29. (c) 2004 The Gale Group
File	434:SciSearch(R)	Cited Ref Sci 1974-1989/Dec (c) 1998 Inst for Sci Info
File	647:CMP Computer Fulltext	1988-2004/Jul W3 (c) 2004 CMP Media, LLC
File	674:Computer News Fulltext	1989-2004/Jul W1 (c) 2004 IDG Communications
File	696:DIALOG Telecom. Newsletters	1995-2004/Jul 23 (c) 2004 The Dialog Corp.

Set	Items	Description
S1	29158	UNSTRUCTURED (2N) (DOCUMENT? ? OR DATA OR INFORMATION OR FILE? ? OR RESOURCE? ? OR REPORT? ? OR INSTRUCTION?) OR DRAFT OR ARCHIVE? OR ARTWORK OR ART()WORK
S2	5917478	LINK? ? OR ASSOCIAT? OR RELAT? OR CONNECT? OR JOIN? OR COMBINE? OR INTEGRAT? OR AFFILIAT?
S3	4	TECHNICAL()REQUIREMENT?(2N) (DATA OR INFORMATION OR INSTRUCTION?)
S4	71234	(DATA OR INFORMATION OR INSTRUCTION?) (2N) (GROUP? OR CATEGORY? OR RANK? OR ARRANGE? OR ORDER? OR ORGANIZ? OR ORGANIS? OR CLASSIF?)
S5	1285645	SUMMAR? OR DOCUMENT? OR REPORT? OR RECORD? OR BRIEF? OR DATA() (SHEET? OR INFORMATION) OR INSTRUCTION?
S6	2276276	DEFINE? OR DEFINING OR SPECIF? OR DESCRIB? OR STIPULAT?
S7	25135	(FINISH? OR FINAL? OR END???) (N) (PRODUCT? OR ITEM? OR MERCHANDISE OR WARE? OR COMMODIT?)
S8	3961	(ELECTRONIC OR DIGITAL OR ONLINE OR ON()LINE) (2N) (SIGNATURE? OR APPROV? OR AUTHORIZ? OR AUTHORIS? OR ACCEPT? OR SANCTION?)
S9	1	S1 AND S2 AND S3
S10	1	S1 AND S3
S11	3	S4 AND S5 AND S6 AND S7
S12	29	S1 AND S8
S13	0	S3 AND S8
S14	1322	S5 AND S8
S15	0	S12 AND S7
S16	0	S14 AND S7
S17	4	S12 AND (PRODUCT? OR MERCHANDISE)
S18	83	S14 AND (PRODUCT? OR MERCHANDISE)
S19	1	S18 AND S1
S20	0	S3 AND S8
S21	3	S3 AND S5
S22	34	S9 OR S10 OR S11 OR S12 OR S17 OR S19 OR S21
S23	25	S22 AND IC=G06F?
S24	10	S22 AND MC=(TP1-J05A2B OR T01-S03)
S25	26	S23 OR S24

File 347:JAPIO Nov 1976-2004/Mar(Updated 040708)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200448
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'25/5/4 (Item 4 from file: 347)
DIALOG(R)File 347:JAPIO
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02616017 **Image available**
TOOL CONTROL DEVICE

PUB. NO.: 63-232917 [JP 63232917 A]
PUBLISHED: September 28, 1988 (19880928)
INVENTOR(s): NO AKIHIKO
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP
(Japan)
APPL. NO.: 62-067216 [JP 8767216]
FILED: March 20, 1987 (19870320)
INTL CLASS: [4] B23Q-011/00; **G06F-015/24**
JAPIO CLASS: 25.2 (MACHINE TOOLS -- Cutting & Grinding); 45.4 (INFORMATION
PROCESSING -- Computer Applications)
JOURNAL: Section: M, Section No. 786, Vol. 13, No. 22, Pg. 56, January
19, 1989 (19890119)

ABSTRACT

PURPOSE: To immediately obtain information necessary for control of a tool,
by a method wherein control information, e.g. the containing place, the
shape of each tool, is registered in a memory device, the control
information is **classified** by an item in **specified** order, and is
classified into further detailed items to read it for **report**.

CONSTITUTION: **Information** is **classified** by an item according to
instruction from a key board 4 by means of an information read part 10,
and is **classified** into **information** **classified** by a further detailed
item. **Finally** demanded tool information is read from a memory device 8.
Information read by means of the information read part 10 is fed to a CRT
display 6 and a printer 7 by means of a **reporting** output part 11 to
display information on a storage list. A worker selects an item as he
watches the display, and storage lists are orderly inputted by a key to
finally display on integrated storage list. This constitution enables
immediate provision of information necessary for control of a tool.

25/5/5 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015800780 **Image available**
WPI Acc No: 2003-862983/200380
XRPX Acc No: N03-688757

**Digital container creation method for data security in internet, involves
compressing digital information with signed archive manifest to produce
container archive**

Patent Assignee: INTEL CORP (ITLC)
Inventor: HUDED A V
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6629150	B1	20030930	US 99336002	A	19990618	200380 B

Priority Applications (No Type Date): US 99336002 A 19990618

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6629150	B1		13	G06F-015/16	

Abstract (Basic): US 6629150 B1

NOVELTY - A container **archive** (200) is produced by compressing
digital information (230) and signal **archive** manifest (220). The
signed **archive** manifest has **digital signature**, message digest and
assigned handle associated with the data files (231). A digital
container (150) is produced by compressing the container **archive** and

signed container manifest (210).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) digital container creation program; and
- (2) platform.

USE - For creating digital container for data security in network such as internet.

ADVANTAGE - The digital information is efficiently protected by binding security attributes to the digital information.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the digital container creation system.

digital container (150)
container **archive** (200)
signed container manifest (210)
signed **archive** manifest (220)
digital information (230)
data files (231)
sub-container (232)
pp; 13 DwgNo 2/8

Title Terms: DIGITAL; CONTAINER; CREATION; METHOD; DATA; SECURE; COMPRESS;
DIGITAL; INFORMATION; SIGN; **ARCHIVE** ; MANIFEST; PRODUCE; CONTAINER;

ARCHIVE

Derwent Class: T01

International Patent Class (Main): **G06F-015/16**

File Segment: EPI

25/5/13 (Item 9 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014745362 **Image available**

WPI Acc No: 2002-566069/200260

XRPX Acc No: N02-448152

Object manufacturing specification validation method for CAD application, involves receiving authorization information associated with specification based on selection of validation or rejection button by user

Patent Assignee: EAGLE ENG AMERICA INC (EAGL-N); THACKSTON J D (THAC-I)

Inventor: THACKSTON J D

Number of Countries: 095 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020072820	A1	20020613	US 2000251585	P	20001207	200260 B
			US 20015350	A	20011207	
WO 200252367	A2	20020704	WO 2001US45760	A	20011207	200260
AU 2002243272	A1	20020708	AU 2002243272	A	20011207	200427

Priority Applications (No Type Date): US 2000251585 P 20001207; US 20015350 A 20011207

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020072820	A1		28	G06F-019/00	Provisional application US 2000251585

WO 200252367 A2 E G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

AU 2002243272 A1 G06F-019/00 Based on patent WO 200252367

Abstract (Basic): US 20020072820 A1

NOVELTY - A feature selection of the selected display object to review is received and a specification associated with the selected feature is presented. An authorization information associated with the

specification is received based on validation or a rejection button selected by the user.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Specification validation system; and
- (2) Computer readable and writable medium storing program code.

USE - For validating specifications such as weld types, diameter, flatness, cylindricity, circularity, straightness, surface finish, material, distance for machined, forged and cast portions, bridges, circuit board, highways and naval structures and fabric type, stitch type, fabric panel shape, dimensions, seam width, seam location, **artwork** placement for clothing and floor slab depth, column height, concrete mixture specification, window dimension for building construction during CAD of the object.

ADVANTAGE - Reduces faulty design packages before fabrication and improves the ability of fabrication vendor specification to rapidly interpret the given object design in terms of both design and manufacturing intent. Ensures the fabricator to approve each specification for a contract, thereby helping the fabrication to be familiar with all the specification of the object.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart illustrating **electronic** specification **approving** process.

pp; 28 DwgNo 1/17

Title Terms: OBJECT; MANUFACTURE; SPECIFICATION; VALID; METHOD; CAD; APPLY; RECEIVE; AUTHORISE; INFORMATION; ASSOCIATE; SPECIFICATION; BASED; SELECT; VALID; REJECT; BUTTON; USER

Derwent Class: T01

International Patent Class (Main): G06F-000/00 ; G06F-019/00

File Segment: EPI

25/5/14 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014687883 **Image available**

WPI Acc No: 2002-508587/200254

XRAM Acc No: C02-144632

XRPX Acc No: N02-402481

Automation of qualification process for chromatographic systems useful in, e.g. pharmaceutical companies and hospitals, involves utilizing automation technology and regression analysis

Patent Assignee: WATERS INVESTMENTS LTD (WATE-N); ANDREWS R W (ANDR-I); CORBIN V L (CORB-I)

Inventor: ANDREWS R W; CORBIN V L

Number of Countries: 098 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200247009	A1	20020613	WO 2001US46791	A	20011205	200254 B
US 20020107652	A1	20020808	US 2000730126	A	20001205	200254
AU 200225956	A	20020618	AU 200225956	A	20011205	200262
US 6456955	B1	20020924	US 2000730126	A	20001205	200266
EP 1342202	A1	20030910	EP 2001995391	A	20011205	200367
			WO 2001US46791	A	20011205	
JP 2004515770	W	20040527	WO 2001US46791	A	20011205	200435
			JP 2002548658	A	20011205	

Priority Applications (No Type Date): US 2000730126 A 20001205

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200247009 A1 E 41 G06F-019/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

US 20020107652 A1 G01D-018/00
AU 200225956 A G06F-019/00 Based on patent WO 200247009
US 6456955 B1 G01N-037/00
EP 1342202 A1 E G06F-019/00 Based on patent WO 200247009
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR
JP 2004515770 W 64 G01N-030/02 Based on patent WO 200247009

Abstract (Basic): WO 200247009 A1

NOVELTY - A qualification process for a chromatography system having a detector, solvent delivery system, sample manager and column, is automated by utilizing automation technology and regression analysis.

DETAILED DESCRIPTION - Automation of a qualification process for chromatographic systems having a detector solvent delivery system, sample manager, and column, involves:

- (a) preparing the chromatography system to ensure that samples, solvents and column are ready for analysis;
- (b) qualifying the detector to ensure operation within specified detection parameters;
- (c) qualifying the solvent delivery system to ensure operation within specified solvent delivery parameters;
- (d) qualifying the sample manager to ensure operation within specified sample delivery parameters;
- (e) utilizing regression analysis to compute performance of accuracy, linearity, and precision of the chromatographic system; and
- (f) validating performance of the chromatography system based on the regression analysis.

INDEPENDENT CLAIMS are included for the following:

- (1) an automated method for installation qualification of a chromatography system; and
- (2) an apparatus, useful with a computer system having a central processing unit and an application program, for qualifying the chromatography system.

The automated method for installation qualification of a chromatography system involves storing details of installation data within an Oracle database table, creating a unique sequence for each **record** stored in the table, preventing the deletion of the **records**, and accessing the data using data objects.

The apparatus for qualifying the chromatography system comprises:

- (i) storage devices controlled by the central processing unit and cooperating with the computer system to store the application program;
- (ii) a device for storing predicate rules for detecting invalid data;
- (iii) a device responsive to the stored application program and to the stored predicate rules for compiling the predicate rules and the application program to generate an executable program module, an executable precondition module and an executable post condition module in a common library; and
- (iv) a device controlled by the central processing unit and responsive to the output values for applying the output value to the post condition module to detect invalid output data.

USE - For automating qualification process for chromatography systems useful in pharmaceutical companies, hospitals and government laboratories.

ADVANTAGE - The use of automation technology provides a faster way to qualify chromatography systems. Less time is required for qualification, thus the cost of qualification is lowered enabling more frequent qualifications. The invention minimizes contamination of the chromatography systems with solutions, which are not suitable as mobile phases that could interfere with normal operation in subsequent analyses. The testing is based on normal/intended use of chromatograph and data system, which is consistent with the current FDA regulations and does not use procedures and materials substantially different from the primary application. Also, the operator, after initial procedures are performed, is allowed to utilize their time attending to other matters, as the invention requires no additional human intervention

during the qualification process. The **production** of various **reports** in an electronic format allows off site review and the generation of varied format **reports**. Test results can be **archived** in an efficient electronic format.

DESCRIPTION OF DRAWING(S) - The figure shows a flow chart of the steps used to qualify a chromatography system.

pp; 41 DwgNo 2/11

Title Terms: AUTOMATIC; QUALIFY; PROCESS; CHROMATOGRAPHY; SYSTEM; USEFUL; PHARMACEUTICAL; COMPANY; HOSPITAL; UTILISE; AUTOMATIC; TECHNOLOGY; REGRESSION; ANALYSE

Derwent Class: B04; S03; T01

International Patent Class (Main): G01D-018/00; G01N-030/02; G01N-037/00; **G06F-019/00**

International Patent Class (Additional): B01D-015/08; B01D-053/02;

G01N-030/34; G01N-030/54; G01N-030/74; G01N-030/86

File Segment: CPI; EPI

25/5/15 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014669998 **Image available**

WPI Acc No: 2002-490702/200252

XRPX Acc No: N02-387896

Technical standard development method in product development, involves attaching reviewer comments and electronic approvals to draft standard and releasing unchangeable technical standard for electronic access after approval

Patent Assignee: PROCTER & GAMBLE CO (PROC); HUGHES J R (HUGH-I); TULLIS S C (TULL-I)

Inventor: HUGHES J R; TULLIS S C

Number of Countries: 099 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200250718	A1	20020627	WO 2001US49149	A	20011219	200252 B
AU 200231052	A	20020701	AU 200231052	A	20011219	200264
US 20020133395	A1	20020919	US 2000256838	P	20001219	200264
			US 2001808001	A	20010314	
EP 1344155	A1	20030917	EP 2001991318	A	20011219	200362
			WO 2001US49149	A	20011219	

Priority Applications (No Type Date): US 2000256838 P 20001219; US 2001808001 A 20010314

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200250718 A1 E 50 G06F-017/30

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

AU 200231052 A G06F-017/30 Based on patent WO 200250718

US 20020133395 A1 G06F-017/60 Provisional application US 2000256838

EP 1344155 A1 E G06F-017/30 Based on patent WO 200250718

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200250718 A1

NOVELTY - A generated **draft** technical standard is electronically circulated to a review group and review group comments are attached automatically to the **draft** technical standard. The **draft** technical standard is electronically locked after review group comments attachment. The locked **draft** is electronically approved by accessing review group comments and the unchangeable technical standard for

electronic access after **approval** , is released.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) System for managing technical standard **product** specification method;

(2) System for specifying finished package;

(3) Computer readable medium storing **product** specification program; and

(4) Global **product** specification database.

USE - For developing technical standard in process of development of **products** .

ADVANTAGE - Fully automated review and approval process is provided and the standards are secured from unauthorized access and modification reliably.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart of the standard review and approval process

pp; 50 DwgNo 1/22

Title Terms: TECHNICAL; STANDARD; DEVELOP; METHOD; **PRODUCT** ; DEVELOP; ATTACH; COMMENTARY; ELECTRONIC; **DRAFT** ; STANDARD; RELEASE; TECHNICAL; STANDARD; ELECTRONIC; ACCESS; AFTER; APPROVE

Derwent Class: T01

International Patent Class (Main): **G06F-017/30** ; **G06F-017/60**

File Segment: EPI

25/5/16 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014669973 **Image available**

WPI Acc No: 2002-490677/200252

XRPX Acc No: N02-387871

Product development management for product research and development, involves electronically communicating approved technical requirement data to be used in manufacturing and distribution processes

Patent Assignee: PROCTER & GAMBLE CO (PROC); DEFLANDER J F (DEFL-I);

KOPCHA S M (KOPC-I); PLANALP J E (PLAN-I)

Inventor: DEFLANDER J F; KOPCHA S M; PLANALP J E

Number of Countries: 099 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200250634	A2	20020627	WO 2001US49148	A	20011219	200252 B
AU 200229104	A	20020701	AU 200229104	A	20011219	200264
US 20020143726	A1	20021003	US 2000256817	P	20001219	200267
			US 2001805791	A	20010314	
EP 1344120	A2	20030917	EP 2001990243	A	20011219	200362
			WO 2001US49148	A	20011219	

Priority Applications (No Type Date): US 2000256817 P 20001219; US 2001805791 A 20010314

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200250634 A2 E 69 G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

AU 200229104 A G06F-000/00 Based on patent WO 200250634

US 20020143726 A1 G06F-007/00 Provisional application US 2000256817

EP 1344120 A2 E G06F-001/00 Based on patent WO 200250634

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200250634 A2

NOVELTY - The **unstructured documents** are linked to stored **technical requirement data** and the **data** are **grouped** into **summaries** to **define a finished product**. The approved **technical requirement data** are stored and electronically communicated to be used in manufacturing and distribution processes.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) System for managing product development; and
- (2) Computer readable storage medium comprising **instructions** for product development management.

USE - For product research and development.

ADVANTAGE - The structured data approach allows using the method across diverse business and geographic regions. Use of master and individual level data allows alignment of content to reduce redundant data entry. The structured data approach facilitates cross-checking of various elements to ensure overall quality. As **data** is **grouped** into virtual customized **document** for viewing on screen or printed by user, it is useful for people who are less comfortable with computer- **related** technology.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of **technical requirement data** in a system.

pp; 69 DwgNo 1/32

Title Terms: PRODUCT; DEVELOP; MANAGEMENT; PRODUCT; RESEARCH; DEVELOP; ELECTRONIC; COMMUNICATE; APPROVE; TECHNICAL; REQUIRE; DATA; MANUFACTURE; DISTRIBUTE; PROCESS

Derwent Class: T01

International Patent Class (Main): **G06F-000/00 ; G06F-001/00 ; G06F-007/00**

File Segment: EPI

25/5/17 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014584678 **Image available**

WPI Acc No: 2002-405382/200243

Related WPI Acc No: 2000-543286; 2002-226031; 2002-350629; 2002-706169; 2003-090419

XRPX Acc No: N02-318243

Universal signature object for digital data e.g. for computer systems, where universal signature object binds a digital signature to digital data regardless of the file format of the version of the digital data

Patent Assignee: PRIVATE EXPRESS TECHNOLOGIES PTE LTD (PRIV-N); FONG K (FONG-I); MADHAV R M (MADH-I); TEO K (TEOK-I); TOH E (TOHE-I)

Inventor: FONG K; MADHAV R M; TEO K; TOH E; MAHARJAN M R

Number of Countries: 097 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200233524	A1	20020425	WO 2001SG211	A	20011017	200243 B
US 20020048372	A1	20020425	US 2000242013	P	20001019	200243
			US 2000242113	P	20001019	
			US 2001981588	A	20011016	
AU 200211192	A	20020429	AU 200211192	A	20011017	200255
AU 200211195	A	20020429	AU 200211195	A	20011018	200255

Priority Applications (No Type Date): US 2000242113 P 20001019; US 2000242013 P 20001019; US 2001981588 A 20011016; US 2000242014 P 20001019 ; US 2000242015 P 20001019; US 2001887157 A 20010621

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
WO 200233524 A1 E 45 G06F-001/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW
US 20020048372 A1 H04L-009/00 Provisional application US 2000242013

Provisional application US 2000242113
AU 200211192 A G06F-001/00 Based on patent WO 200233524
AU 200211195 A H04L-012/00 Based on patent WO 200233891

Abstract (Basic): WO 200233524 A1

NOVELTY - Computer-readable medium stores a universal signature object for binding a **digital signature** to **digital** data, comprises: one version of the digital data, where each version has a file format; a **digital signature** of **signature** data, where the signature data is a function of the digital data; and information concerning an application compatible with the file format of the versions.

DETAILED DESCRIPTION - INDEPENDENT CLAIM included for the following: universal signature object viewer; method for digitally signing digital data; signing program

USE - For computer systems.

ADVANTAGE - Provides a universal signature object that can bind **digital signatures** to **digital** data, regardless of the file format. With such an object, people and businesses could more easily exchange documents and countersign data, such as contracts, without reverting to hard copies. Furthermore, with such an object, the digital data and all **digital signatures** can easily be **archived**.

DESCRIPTION OF DRAWING(S) - The diagram shows a universal signature object.

pp; 45 DwgNo 1/7

Title Terms: UNIVERSAL; SIGNATURE; OBJECT; DIGITAL; DATA; COMPUTER; SYSTEM;
UNIVERSAL; SIGNATURE; OBJECT; BIND; DIGITAL; SIGNATURE; DIGITAL; DATA;
FILE; FORMAT; VERSION; DIGITAL; DATA

Derwent Class: T01; W01

International Patent Class (Main): G06F-001/00 ; H04L-009/00; H04L-012/00

File Segment: EPI

25/5/18 (Item 14 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014235075 **Image available**

WPI Acc No: 2002-055773/200207

XRPX Acc No: N02-041054

Electronic signature for document validation uses co-ordinate points
derived from signature and document contents to provide validation

Patent Assignee: BERTHELOT J (BERT-I); BERTHELOT J L (BERT-I)

Inventor: BERTHELOT J; BERTHELOT J L

Number of Countries: 097 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200190856	A1	20011129	WO 2001FR1610	A	20010523	200207 B
FR 2809556	A1	20011130	FR 20006608	A	20000524	200207
AU 200164016	A	20011203	AU 200164016	A	20010523	200221
EP 1285324	A1	20030226	EP 2001938329	A	20010523	200319
			WO 2001FR1610	A	20010523	

Priority Applications (No Type Date): FR 20006608 A 20000524

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200190856 A1 F 27 G06F-001/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

FR 2809556 A1 H04L-009/32
AU 200164016 A G06F-001/00 Based on patent WO 200190856
EP 1285324 A1 F G06F-001/00 Based on patent WO 200190856
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200190856 A1

NOVELTY - Spherical co-ordinates are generated forming points (A, B, C, P) whose dimensional value is derived from the conversion of identification data, the identity and the set of characters and codes of services constituting the document. A certifying third party identifies and authenticates the document related to the signature while preserving the confidentiality of its contents and its irreversibility.

DETAILED DESCRIPTION - The method for generating a **digital signature** relates to an electronically written document. Simultaneously with the identification of the signatory, spherical co-ordinates are generated forming points (A, B, C, P) whose dimensional value is derived from the conversion of identification data, the identity and the set of characters and codes of services constituting the document. A certifying third party identifies and authenticates the document related to the signature while preserving the confidentiality of its contents and its irreversibility. The third party **archives** the data of the original geometric figure capable of physical representation in three dimensions, for example in the form of a sphere (S) and a polyhedron.

USE - Authentication of electronically produced document.

ADVANTAGE - Enables validation so that document fulfills legal requirements and provides valid evidence of will of author.

DESCRIPTION OF DRAWING(S) - The diagram shows the geometrical configuration of the data used for validation. co-ordinate points (A, B, C, P) sphere (S)

pp; 27 DwgNo 1/5

Title Terms: ELECTRONIC; SIGNATURE; DOCUMENT; VALID; CO; ORDINATE; POINT; DERIVATIVE; SIGNATURE; DOCUMENT; CONTENT; VALID

Derwent Class: T01

International Patent Class (Main): G06F-001/00 ; H04L-009/32

File Segment: EPI

25/5/19 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014234335 **Image available**

WPI Acc No: 2002-055033/200207

XRPX Acc No: N02-040615

Authentication method for an electronic payment authenticating cardholders using digital signatures on a sales draft without requiring any changes in transaction flow of participating financial institutions

Patent Assignee: ARCOT SYSTEMS INC (ARCO-N)

Inventor: KAUSIK B N

Number of Countries: 094 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200146918	A2	20010628	WO 2000US41736	A	20001031	200207 B
AU 200149017	A	20010703	AU 200149017	A	20001031	200207
NO 200202192	A	20020507	WO 2000US41736	A	20001031	200253
			NO 20022192	A	20020507	
EP 1245008	A2	20021002	EP 2000992990	A	20001031	200265
			WO 2000US41736	A	20001031	
JP 2003518303	W	20030603	WO 2000US41736	A	20001031	200346
			JP 2001547360	A	20001031	

Priority Applications (No Type Date): US 99437065 A 19991109

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200146918 A2 E 28 G07F-000/00
 Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
 CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
 RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
 Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
 IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW
 AU 200149017 A G07F-000/00 Based on patent WO 200146918
 NO 200202192 A G07F-000/00
 EP 1245008 A2 E G07F-001/00 Based on patent WO 200146918
 Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
 LI LT LU LV MC MK NL PT RO SE SI
 JP 2003518303 W 35 G06F-017/60 Based on patent WO 200146918

Abstract (Basic): WO 200146918 A2

NOVELTY - The method involves receiving from a seller an electronic sales **draft** including an **electronic signature**. A **digital** certificate associated with a buyer is received from the seller. The digital certificate includes a verification key and an encrypted version of a personal identification number (PIN). The verification key is used to verify that the **electronic signature** was **authorized** by the buyer. The encrypted version of the PIN is extracted from the digital certificate. The encrypted version of the PIN is decrypted.

DETAILED DESCRIPTION - The PIN is used to generate an authorization request. The authorization request is sent for a PIN to a financial institution. An approval of the authorization request is received from the financial institution. Finally the approval is sent to the seller.

INDEPENDENT CLAIMS are included for providing electronic payment capabilities to a user in a networked computer environment, for an apparatus for **authorizing** an **electronic** purchase, for a computer-readable storage medium and for a digital certificate.

USE - For secure authenticated payment at a point-of-sale on a computer network.

ADVANTAGE - Offers security advantages of **digital signatures** without necessarily requiring significant changes in banking and processing network.

DESCRIPTION OF DRAWING(S) - The figure shows a computer system for secure authenticated payment on a computer network.

pp; 28 DwgNo 1/4

Title Terms: AUTHENTICITY; METHOD; ELECTRONIC; PAY; AUTHENTICITY; DIGITAL; SIGNATURE; SALE; **DRAFT**; REQUIRE; CHANGE; TRANSACTION; FLOW; PARTICIPATING; FINANCIAL; INSTITUTION

Derwent Class: T01; T05; W01

International Patent Class (Main): **G06F-017/60**; G07F-000/00; G07F-001/00

International Patent Class (Additional): **G06F-015/00**; H04L-009/08;

H04L-009/32

File Segment: EPI

25/5/20 (Item 16 from file: 350)
 DIALOG(R)File 350:Derwent WPIX
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013967012 **Image available**
 WPI Acc No: 2001-451226/200148
 XRPX Acc No: N01-334123

License agreement information correlating method for data center management, involves associating license agreement information with corresponding hardware and software elements

Patent Assignee: ISOGON CORP (ISOG-N)

Inventor: BARRITZ R; HELLBERG P; KASSAN P

Number of Countries: 093 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200116674	A1	20010308	WO 2000US24311	A	20000831	200148 B
AU 200071128	A	20010326	AU 200071128	A	20000831	200148
EP 1216439	A1	20020626	EP 2000959885	A	20000831	200249

Priority Applications (No Type Date): US 2000633907 A 20000807; US 99152177
P 19990902

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200116674 A1 E 118 G06F-001/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH
CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200071128 A G06F-001/00 Based on patent WO 200116674

EP 1216439 A1 E G06F-001/00 Based on patent WO 200116674

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): WO 200116674 A1

NOVELTY - License agreement information stored in knowledge base (30) is correlated with configuration elements of configuration storage (40) including hardware and software element locations. Correlated information is output by associating agreement information with corresponding elements located in configuration and enables user to automatically obtain license agreement information pertaining to selected elements.

DETAILED DESCRIPTION - Data center configuration elements are modeled by identifying configuration elements including hardware and software elements. The knowledge base stores binomial and technical information of various hardware devices and/or software products and/or license agreement data. The configuration storage stores one or more configuration trees representing existing and proposed configurations of data centers. The location of various elements relative to configuration is identified. The license agreement information is correlated with configuration elements and is output enabling user to automatically obtain license agreement information pertaining to selected elements. An INDEPENDENT CLAIM is also included for license agreement information correlating system.

USE - For data center managers, capacity planners and financial planners which are periodically required to evaluate technical capabilities, financial requirements and environmental requirements of hardware and software computer data center, networks, corporate IT assets and other collection of computer hardware and software.

ADVANTAGE - Provides for tracking and day-to-day management of license agreement **data** for **technical requirement**, cost and environment details of existing data centers and for the creation of scenarios for determining optimum acquisition, expansion and reconfiguration strategies of data centers. Provides forecasting of technical requirements, cost and environmental requirements of existing and proposed configuration of data centers. Provides tracking of cost of individual devices, systems or data center locations and also cost of proposed new equipment. Provides ability to present technical, financial and other information of data center at various levels, namely at configuration, location, system and individual device levels to prepare custom **reports**, tables and charts of the information.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of computer system.

Knowledge base (30)

Configuration storage (40)

pp; 118 DwgNo 1/27

Title Terms: LICENCE; AGREE; INFORMATION; CORRELATE; METHOD; DATA;

MANAGEMENT; ASSOCIATE; LICENCE; AGREE; INFORMATION; CORRESPOND; HARDWARE;
SOFTWARE; ELEMENT

Derwent Class: T01

International Patent Class (Main): G06F-001/00

File Segment: EPI

25/5/21 (Item 17 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013912636 **Image available**
WPI Acc No: 2001-396849/200142
XRPX Acc No: N01-292389

Electronic funds transfer authorization in POS terminal, involves allowing payor and payee to respectively keep original and duplicate of two part draft instrument as record of electronic funds transfer authorization

Patent Assignee: NORTON R G (NORT-I)

Inventor: NORTON R G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6243689	B1	20010605	US 98222060	A	19981229	200142 B

Priority Applications (No Type Date): US 98222060 A 19981229

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6243689	B1	16	G06F-017/60		

Abstract (Basic): US 6243689 B1

NOVELTY - Completed two part **draft** instrument comprising original and duplicate, obtained from payor is electronically presented through an electronic clearing house network so as to initiate electronic funds transfer from funds of payor to funds of payee. Duplicate and original of **draft** instrument are respectively kept as payee's and payor's record of **electronic funds transfer authorization**.

DETAILED DESCRIPTION - Two-part **draft** instrument comprises an original which is configured for use as a conventional check and duplicate which is configured for selective use as either a duplicate of the original, or as an originating document for an electronic funds transfer for the face of amount of the **draft** instrument. **Draft** instrument is completed by the payor by making a single mark on the original which completes a single selectable indication common to both the original and the duplicate designating whether the **draft** instrument is used to **authorize** an **electronic funds transfer**. **Draft** instrument is presented through electronic clearing house to initiate electronic funds transfer from funds of payor to funds of payee. Duplicate of the **draft** instrument is kept as payee's record of **electronic funds transfer authorization**. Payor is allowed to keep the original of the **draft** equipment as a record of the **electronic funds transfer authorization**. INDEPENDENT CLAIMS are also included for the following:

(a) System for **authorizing electronic funds transfer**;

(b) Two part **draft** instrument

USE - For initiating electronic funds transfer in retail point of sale (POS) terminal.

ADVANTAGE - Allows customer to **authorize electronic funds transfer** without having to fill out special documents. Bridges the gap between the customer as keeper and merchant as keeper models by allowing the customer to retain a tangible record of transaction in the form of a check, while simultaneously allowing the merchant to keep a record of **electronic funds transfer authorization** as required by the law. Allows merchants to take advantage of existing magnetic ink character recognition (MICR) and point of sale equipment to effectuate quick financial transfer, which reduces transaction costs and increases income for business by avoiding long collection turn around.

DESCRIPTION OF DRAWING(S) - The figure shows the original part of two part personal check.

pp; 16 DwgNo 1/7

Title Terms: ELECTRONIC; FUND; TRANSFER; POS; TERMINAL; ALLOW; RESPECTIVE; KEEP; ORIGINAL; DUPLICATE; TWO; PART; **DRAFT**; INSTRUMENT; RECORD; ELECTRONIC; FUND; TRANSFER

Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

25/5/22 (Item 18 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013870533 **Image available**
WPI Acc No: 2001-354745/200137
XRPX Acc No: N01-257787

Document management system accessible over a public data network, using registered document types consisting of collaborate, external and read only archive and template documents with process flow defining user access and allowed activities

Patent Assignee: DOCUTOUCH (DOCU-N); NETUPDATE INC (NETU-N); ASTUS CORP (ASTU-N)

Inventor: HAJMIRAGHA M

Number of Countries: 090 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200120843	A1	20010322	WO 2000US25115	A	20000913	200137 B
AU 200073780	A	20010417	AU 200073780	A	20000913	200140
US 6289460	B1	20010911	US 99153583	P	19990913	200154
			US 99455266	A	19991206	
EP 1222774	A1	20020717	EP 2000961887	A	20000913	200254
			WO 2000US25115	A	20000913	
JP 2003509784	W	20030311	WO 2000US25115	A	20000913	200319
			JP 2001524297	A	20000913	
NZ 517849	A	20040227	NZ 517849	A	20000913	200418
			WO 2000US25115	A	20000913	

Priority Applications (No Type Date): US 99455266 A 19991206; US 99153583 P 19990913

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200120843 A1 E 25 H04L-009/32

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200073780 A H04L-009/32 Based on patent WO 200120843

US 6289460 B1 G06F-017/30 Provisional application US 99153583

EP 1222774 A1 E H04L-009/32 Based on patent WO 200120843

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

JP 2003509784 W 29 G06F-017/21 Based on patent WO 200120843

NZ 517849 A H04L-009/32 Based on patent WO 200120843

Abstract (Basic): WO 200120843 A1

NOVELTY - The registered document types are allowed from the group consisting of collaborate, external and read-only **archive** and template documents where the document process flow is defined according to a predefined general process flow that defines a progression of users with allowed access to the document, the action required by each user including completion date and number of permissible actions.

DETAILED DESCRIPTION - Document management over a public data network with publication and remote storage facility. Has user authorized access based on predefined security information and electronic filing document registration with assigned document process flow that allows users to perform document archiving, indexing, searching, **digital signature** based upon previously supplied digital certificate information, audit trail information generation containing users' accesses of the registered document and actions performed against it. Also contains a bill generation facility based on the audit

trail information and a registered document publication facility.

USE - Document and record management system for businesses and government departments etc, e.g. business applications where large amounts of important documents are required to be filed, indexed and retrieved.

ADVANTAGE - Provides an easily accessible document management system with facilities for secure document collaboration, sharing and archiving with content indexing, digital document notarization, electronic document filing and document publication.

DESCRIPTION OF DRAWING(S) - Document management system flow block diagram.

pp; 25 DwgNo 2/3

Title Terms: DOCUMENT; MANAGEMENT; SYSTEM; ACCESS; PUBLIC; DATA; NETWORK; REGISTER; DOCUMENT; TYPE; CONSIST; EXTERNAL; READ; **ARCHIVE** ; TEMPLATE; DOCUMENT; PROCESS; FLOW; DEFINE; USER; ACCESS; ALLOW; ACTIVE

Derwent Class: T01; W01; W02

International Patent Class (Main): **G06F-017/21** ; **G06F-017/30** ; H04L-009/32

International Patent Class (Additional): **G06F-012/00** ; **G06F-017/60** ; H04K-001/00

File Segment: EPI

25/5/23 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011845066 **Image available**

WPI Acc No: 1998-261976/199824

Related WPI Acc No: 1996-412885; 1998-009147; 1998-179618; 1998-193856; 2002-225639; 2002-462772; 2004-050631

XRPX Acc No: N98-206492

Delivery system for delivery of electronic data - applies digital seal to electronic object, before it is delivered from first environment to second environment, to ensure secure transmission

Patent Assignee: INTERTRUST TECHNOLOGIES CORP (INTE-N)

Inventor: GINTER K L; SHEAR V H; SPAHN F J; VAN WIE D M; WEBER R P

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
AU 9736840	A	19980219	AU 9736840	A	19970904	199824 B
AU 739693	B	20011018	AU 9736840	A	19970904	200174

Priority Applications (No Type Date): US 96699711 A 19960812

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
AU 9736840	A	358	H04L-009/32	
AU 739693	B		H04L-009/32	Previous Publ. patent AU 9736840

Abstract (Basic): AU 9736840 A

The delivery system includes first and second protected processing environments and a device for delivering at least one digital object from the first environment to the second environment. The digital object includes secure control information that controls at least one aspect of the delivery/use of the delivered object.

Preferably the second protected processing environment comprises a trusted go-between that securely **archives** /notarises at least a part of the delivered object. At least one of the first and second environments preferably applies a digital seal to the digital object.

USE - E.g. for delivering data such as text, images, video, linear motion pictures, sound recordings or computer software.

ADVANTAGE - Provides cost effective, secure and confidential delivery of object. Ensures virtually instantaneous delivery. Allows optional delayed delivery and can broadcast to multiple parties. Uses **digital signatures** to seal **digital** objects.

Dwg.1/134

Title Terms: DELIVER; SYSTEM; DELIVER; ELECTRONIC; DATA; APPLY; DIGITAL;

SEAL; ELECTRONIC; OBJECT; DELIVER; FIRST; ENVIRONMENT; SECOND;
ENVIRONMENT; ENSURE; SECURE; TRANSMISSION
Index Terms/Additional Words: INTERNET
Derwent Class: T01; W01
International Patent Class (Main): H04L-009/32
International Patent Class (Additional): G06F-019/00; H04L-012/22
File Segment: EPI

25/5/24 (Item 20 from file: 350)
DIALOG(R) File 350: Derwent WPIX
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011034337 **Image available**
WPI Acc No: 1997-012261/199701
Related WPI Acc No: 1998-179632; 1998-241041; 1998-495179; 1998-506090;
2000-365842; 2000-558088; 2000-686548; 2000-686625; 2001-112026;
2001-244020; 2001-308034; 2001-315902; 2002-269221; 2003-645145
XRPX Acc No: N97-010606

Tokenless identification system for authorisation of electronic transactions and transmissions - determine user identity by comparing input biometrics sample and personal ID code, with biometrics sample and ID code gathered during registration and stored at remote site

Patent Assignee: SMART TOUCH LLC (SMAR-N); INDIVOS CORP (INDI-N); VERISTAR CORP (VERI-N); SMARTTOUCH LLC (SMAR-N); HOFFMAN N (HOFF-I)

Inventor: C S T L L; HOFFMAN N; LEE J A; PARE D F

Number of Countries: 061 Number of Patents: 015

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9636934	A1	19961121	WO 96US7185	A	19960517	199701	B
AU 9659226	A	19961129	AU 9659226	A	19960517	199712	
US 5613012	A	19970318	US 94345523	A	19941128	199717	
			US 95442895	A	19950517		
US 5615277	A	19970325	US 94345523	A	19941128	199718	N
US 5838812	A	19981117	US 94345523	A	19941128	199902	
			US 95442895	A	19950517		
			US 96687251	A	19960725		
BR 9608580	A	19990105	BR 968580	A	19960517	199907	
			WO 96US7185	A	19960517		
EP 912959	A1	19990506	EP 96916498	A	19960517	199922	
			WO 96US7185	A	19960517		
JP 11511882	W	19991012	JP 96535098	A	19960517	199954	
			WO 96US7185	A	19960517		
MX 9708871	A1	19981001	MX 978871	A	19971117	200019	
AU 200013524	A	20000323	AU 9659226	A	19960517	200025	N
			AU 200013524	A	20000124		
AU 750174	B	20020711	AU 9659226	A	19960517	200257	N
			AU 200013524	A	20000124		
CN 1191027	A	19980819	CN 96195641	A	19960517	200274	
MX 205149	B	20011112	MX 978871	A	19971117	200279	
EP 912959	B1	20031112	EP 96916498	A	19960517	200380	
			WO 96US7185	A	19960517		
DE 69630713	E	20031218	DE 630713	A	19960517	200407	
			EP 96916498	A	19960517		
			WO 96US7185	A	19960517		

Priority Applications (No Type Date): US 95442895 A 19950517; US 94345523 A 19941128; US 96687251 A 19960725; AU 200013524 A 20000124

Cited Patents: US 5191611; US 5229764

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9636934 A1 E 202 G06K-009/00

Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP KE KG KP KR KZ LK LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG

AU 9659226 A

Based on patent WO 9636934

US 5613012	A	67	CIP of application US 94345523
US 5615277	A	21	
US 5838812	A		CIP of application US 94345523
			Cont of application US 95442895
			Cont of patent US 5613012
			CIP of patent US 5615277
BR 9608580	A		Based on patent WO 9636934
EP 912959	A1 E	G06K-009/00	Based on patent WO 9636934
Designated States (Regional): AT			BE CH DE DK ES FI FR GB GR IE IT LI LT
LU MC NL PT SE			
JP 11511882	W	202 G06F-015/00	Based on patent WO 9636934
AU 200013524	A	G06F-012/14	Div ex application AU 9659226
AU 750174	B	G06F-012/14	Div ex application AU 9659226
			Previous Publ. patent AU 200013524
CN 1191027	A	G06K-009/00	
MX 205149	B	G06K-009/00	
EP 912959	B1 E	G06K-009/00	Based on patent WO 9636934
Designated States (Regional): AT			BE CH DE DK ES FI FR GB GR IE IT LI LT
LU MC NL PT SE			
DE 69630713	E	G06K-009/00	Based on patent EP 912959
			Based on patent WO 9636934

Abstract (Basic): WO 9636934 A

The tokenless identification system uses a correlative comparison of a unique biometrics sample, e.g a fingerprint or voice recording, gathered directly from a person of an unknown user, with an authenticated biometrics sample of the same type obtained and stored during a registration step (1), and stored at a remote site. The system includes a computer network host system, with a comparison unit for comparing the entered biometrics sample and personal identification code, and having a number of databases and memory modules.

Inputs for biometrics and personal identification codes are provided for entering data to provide information for execution of the required transactions and transmissions by the host system, once the identity of the individual is determined.

USE - Identifying individual from examination of biometrics sample and personal ID code, for use in verification of financial transactions, archiving data and electronic transmissions, and retrieval of **archived** data using tracking code.

ADVANTAGE - Enables any document e.g facsimile or e-mail message to be uniquely check-summed using algorithm for future identification of document.

Dwg.1/21

Title Terms: IDENTIFY; SYSTEM; AUTHORISE; ELECTRONIC; TRANSACTION; TRANSMISSION; DETERMINE; USER; IDENTIFY; COMPARE; INPUT; SAMPLE; PERSON; ID; CODE; SAMPLE; ID; CODE; GATHER; REGISTER; STORAGE; REMOTE; SITE

Derwent Class: P86; T01; T04

International Patent Class (Main): G06F-012/14 ; G06F-015/00 ; G06K-009/00

International Patent Class (Additional): G06F-019/00 ; G06T-007/00; G07C-009/00; G07F-007/10; G10L-003/00

File Segment: EPI; EngPI

25/5/25 (Item 21 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010939124 **Image available**

WPI Acc No: 1996-436074/199644

XRPX Acc No: N96-367469

Token verification in Key Management System - by checking digital signature so as to verify association of logical device identifier and master key within logical security domain

Patent Assignee: PITNEY BOWES INC (PITB.)

Inventor: BRAUN J F; CORDERY R A; DIPPOLITO F M; LAWTON K V; PAULY S J;

PINTSOV L A; RYAN F W; WEIANT M A; DLPPOLITO F M; D'IPPOLITO F M

Number of Countries: 012 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 735720	A2	19961002	EP 96105233	A	19960401	199644 B
CA 2172860	A	19961001	CA 2172860	A	19960328	199705
JP 9167186	A	19970624	JP 96114073	A	19960401	199735
US 5661803	A	19970826	US 95414896	A	19950331	199740
BR 9601232	A	19980106	BR 961232	A	19960401	199810
MX 9601257	A1	19970901	MX 961257	A	19960329	199850
CA 2172860	C	20000516	CA 2172860	A	19960328	200038
CN 1144942	A	19970312	CN 96108064	A	19960401	200103
MX 194226	B	19991123	MX 961257	A	19960329	200106

Priority Applications (No Type Date): US 95414896 A 19950331

Cited Patents: No-SR.Pub

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 735720	A2	E	30	H04L-009/08	
Designated States (Regional): CH DE FR GB IT LI					
CA 2172860	A			H04L-009/28	
JP 9167186	A		78	G06F-017/60	
US 5661803	A		28	H04L-009/00	
BR 9601232	A			H04L-009/08	
MX 9601257	A1			G09C-003/10	
CA 2172860	C	E		H04L-009/28	
CN 1144942	A			G06F-019/00	
MX 194226	B			H04L-009/000	

Abstract (Basic): EP 735720 A

The method of token verification involves providing a master key to a transaction evidence device. A master key record is created in a key verification box. The master key record is securely stored in an **archive**. The evidence device produces evidence of transaction information integrity in a logical security domain.

The evidence is input to a token verification box. The master key record is input to the token verification box and it is determined whether the key is valid. The key is then used to verify the evidence. An indication of a result of verification is output from the box.

USE/ADVANTAGE - For digital postage meter. For money transactions. For item or information transactions. Secure. Prevent duplicate indicia being generated due to key verification.

Dwg.1/31

Title Terms: TOKEN; VERIFICATION; KEY; MANAGEMENT; SYSTEM; CHECK; DIGITAL; SIGNATURE; SO; VERIFICATION; ASSOCIATE; LOGIC; DEVICE; IDENTIFY; MASTER; KEY; LOGIC; SECURE; DOMAIN

Derwent Class: P85; T01; T05; W01

International Patent Class (Main): G06F-017/60 ; G06F-019/00 ; G09C-003/10; H04L-009/00; H04L-009/000; H04L-009/08; H04L-009/28

International Patent Class (Additional): G06F-012/00 ; G06F-015/16 ; G07B-017/04; G07F-007/02; G09C-001/00; H04L-009/008; H04L-009/32

File Segment: EPI; EngPI

25/5/26 (Item 22 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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008750053 **Image available**

WPI Acc No: 1991-254067/199135

Related WPI Acc No: 1995-015865; 1995-124761

XRPX Acc No: N91-193772

Remote management and control system for photographic processing - samples operating conditions and generates on-line correction action to maintain output quality using computer network

Patent Assignee: FUJII PHOTO FILM CO LTD (FUJF)

Inventor: MATSUMOTO F; MORI T

Number of Countries: 004 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 443443	A	19910828	EP 91102102	A	19910214	199135 B
EP 443443	A3	19920722	EP 91102102	A	19910214	199335
US 5291420	A	19940301	US 91656654	A	19910219	199409
EP 443443	B1	19950913	EP 91102102	A	19910214	199541
DE 69112864	E	19951019	DE 612864	A	19910214	199547
			EP 91102102	A	19910214	

Priority Applications (No Type Date): JP 9039136 A 19900219; JP 9039133 A 19900219; JP 9039134 A 19900219; JP 9039135 A 19900219

Cited Patents: NoSR.Pub; 2.Jnl.Ref; JP 1100547; JP 1100548; JP 60000448; US 4065661; US 4881095; US 4933707

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 443443	A	13		

Designated States (Regional): DE FR GB

EP 443443	A3	13
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US 5291420	A	25 G06F-015/20
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EP 443443	B1 E	27 G03D-013/00
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Designated States (Regional): DE FR GB

DE 69112864	E	G03D-013/00	Based on patent EP 443443
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Abstract (Basic): EP 443443 A

The computer network is linked via a bus and port controllers to photograph: equipment. The equipment includes printer processors film processors, densitometer, and photofinishing reception equipment. Density data samples are monitored by the computer to detect any abnormal operations. When the quality of a sample is found to be outside **specified** limits, appropriate adjustments are transferred over the network as a countermeasure.

A switch unit selects one unit of equipment and performs data communication. A CPU control unit idle time is determined. data is stored in a memory buffer.

USE/ADVANTAGE - Centralised system for remotely managing the operation of photographic minilab equipment. Allows **recording** of production **data**, **ordering** of consumable goods and maintenance of quality to be controlled and organised collectively.

Dwg.1/15

Title Terms: REMOTE; MANAGEMENT; CONTROL; SYSTEM; PHOTOGRAPH; PROCESS; SAMPLE; OPERATE; CONDITION; GENERATE; LINE; CORRECT; ACTION; MAINTAIN; OUTPUT; QUALITY; COMPUTER; NETWORK

Derwent Class: P82; P84; S06; T01; W05

International Patent Class (Main): G03D-013/00; **G06F-015/20**

International Patent Class (Additional): G03B-027/32

File Segment: EPI; EngPI

Set	Items	Description
S1	1359	UNSTRUCTURED (2N) (DOCUMENT? ? OR DATA OR INFORMATION OR FILE? ? OR RESOURCE? ? OR REPORT? ? OR INSTRUCTION?) OR DRAFT OR ARCHIVE? OR ARTWORK OR ART()WORK
S2	28826	LINK? ? OR ASSOCIAT? OR RELAT? OR CONNECT? OR JOIN? OR COMBINE? OR INTEGRAT? OR AFFILIAT?
S3	1	TECHNICAL() REQUIREMENT? (2N) (DATA OR INFORMATION OR INSTRUCTION?)
S4	1536	(DATA OR INFORMATION OR INSTRUCTION?) (2N) (GROUP? OR CATEGORY? OR RANK? OR ARRANGE? OR ORDER? OR ORGANIZ? OR ORGANIS? OR - CLASSIF?)
S5	16965	SUMMAR? OR DOCUMENT? OR REPORT? OR RECORD? OR BRIEF? OR DATA() (SHEET? OR INFORMATION) OR INSTRUCTION?
S6	11519	DEFINE? OR DEFINING OR SPECIF? OR DESCRIB? OR STIPULAT?
S7	186	(FINISH? OR FINAL? OR END???) (N) (PRODUCT? OR ITEM? OR MERCHANDISE OR WARE? OR COMMODIT?)
S8	531	(ELECTRONIC OR DIGITAL OR ONLINE OR ON()LINE) (2N) (SIGNATURE? OR APPROV? OR AUTHORIZ? OR AUTHORIS? OR ACCEPT? OR SANCTION?)
S9	0	S1 AND S2 AND S3
S10	0	S1 AND S3
S11	2	S4 AND S5 AND S6 AND S7
S12	26	S1 AND S8
S13	0	S3 AND S8
S14	270	S5 AND S8
S15	0	S12 AND S7
S16	2	S14 AND S7
S17	12	S12 AND (PRODUCT? OR MERCHANDISE)
S18	101	S14 AND (PRODUCT? OR MERCHANDISE)
S19	5	S18 AND S1
S20	1	S3 AND S5
S21	17	S11 OR S16 OR S17 OR S19 OR S20
S22	9	S21 NOT PY>2000
S23	9	S22 NOT PD>20001219

File 256:SoftBase:Reviews,Companies&Prods. 82-2004/Jul
(c)2004 Info.Sources Inc

23/5/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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02741078 DOCUMENT TYPE: Company

eClickMD Inc (741078)

3001 Bee Caves Rd #250
Austin, TX 78746 United States
TELEPHONE: (512) 439-3900
TOLL FREE TELEPHONE NUMBER: (888) 660-5465
FAX: (512) 439-3901
HOMEPAGE: <http://www.eclickmd.com>
EMAIL: sales@eclickmd.com

RECORD TYPE: Directory

CONTACT: Sales Department

ORGANIZATION TYPE: Corporation

EQUITY TYPE: Public

STATUS: Active

eClickMD Incorporated is a Web services technology developer that provides health care organizations with Health Insurance Portability and Accountability Act (HIPAA) tracking and **reporting** systems. Its SecureCARE (TM) platform allows users to streamline patient care workflows. The system integrates with existing applications. A Microsoft (R) Windows (R) interface simplifies data processing. eClickMD developed its first secure workflow and **digital signature** system in 1996. The company's **products** comply with HIPAA and CMS guidelines, providing health care organizations with patient data encryption and digital certificate authentication.

Documents are tracked and **archived** in a Tier 2 data facility. eClickMD partners with workforce management and security system developer ForeLogic. It also partners with RTRx, which develops prescription workflow and management **products**. eClickMD shares are traded on the NASDAQ OTC BB as ECMQE and as ECMDQ. The company is based in Austin, Texas.

SALES: NA

PERSONNEL: Corlin, Richard F, Chairperson; Woodrow, Bob, Director;
Woodrow, Bob, Chief Operating Officer; Rice, Marion Robert, Director;
Stamy, Allen, Director; Streit, Jason, Chief Technology Officer;
Burley, Neil, Chief Financial Officer; Fry, Eugene, VP

DESCRIPTORS: **Digital Signatures** ; Health Care; Medical Practice
Management

REVISION DATE: 20030907

23/5/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

02549339 DOCUMENT TYPE: Company

SoftMed Systems Inc (549339)

12215 Plum Orchard Dr
Silver Spring, MD 20904 United States
TELEPHONE: (301) 572-3800
TOLL FREE TELEPHONE NUMBER: (800) 294-0422
FAX: (301) 572-3809
HOMEPAGE: <http://www.softmed.com>

RECORD TYPE: Directory

CONTACT: Sales Department

TYPE OF PRODUCT: Micro; Workstation
POTENTIAL USERS: Cross Industry
PRICE: Available upon request

OTHER REQUIREMENTS: 128MB RAM; NT 4.0+; 350MHz+ Pentium+ CPU; 1GB hard
drive required
REVISION DATE: 20020730

23/5/4

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
(c)2004 Info.Sources Inc. All rts. reserv.

01198854 DOCUMENT TYPE: Product

PRODUCT NAME: Application Control Module (ACM) (198854)

NuGenesis Technologies Corp (679372)
1900 W Park Dr
Westborough, MA 01581 United States
TELEPHONE: (508) 616-9876

RECORD TYPE: Directory

CONTACT: Sales Department

NuGenesis Technologies' Application Control Module (ACM) is a file security system that includes automated spreadsheet, **document**, and presentation lockdown features. The **product** works with NuGenesis SDMS. It allows users to comply with FDA 21 CFR Part 11 guidelines. ACM automatically captures, catalogs, and **archives** files. The system includes password authentication and configuration audit trail features. It supports **electronic signatures**. The **product** provides users with Web-based collaboration features.

DESCRIPTORS: Audit; **Document** Management; File Security; Government Regulations; Presentations; Spreadsheet Utilities; System Monitoring

HARDWARE: IBM PC & Compatibles

OPERATING SYSTEM: Excel; Microsoft Word; Windows; Windows NT/2000; Windows XP

PROGRAM LANGUAGES: Not Available

TYPE OF PRODUCT: Micro

POTENTIAL USERS: Regulated Industries, File Security

PRICE: Available upon request

REVISION DATE: 20040406

23/5/5

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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01116718 DOCUMENT TYPE: Product

PRODUCT NAME: eRecordManager (116718)

Thermo LabSystems Ltd (529851)
St Georges Ct Hanover Business Park
Altrincham, Chesh, WA14 5TP United Kingdom
TELEPHONE: () 016-19423000

RECORD TYPE: Directory

CONTACT: Sales Department

Thermo LabSystems' eRecordManager (TM) is an electronic **record** manager that offers data search and visualization features. The **product** can

collect information from multiple sources. It features over 150 file conversion options. eRecordManager includes analytical, instrument data-handling, storage, and archiving features. eRecordManager supports the sharing of information across organizations. Users can also search and query instrument files. The system complies with FDA 21 CFR Part 11 guidelines, including preventing unauthorized users from accessing sensitive data. eRecordManager **archives** instrument information in raw data and XML formats, streamlining data access from any computer. The solution stores the complete data along with metadata in portable ZIP files. Users can store **records** in directly attached storage, on SANs, or on any optical disc. It also maintains audit, configuration, and **electronic signature records**. eRecordManager offers labs password and user access management security. It also features scheduled and automated archiving options. eRecordManager's **Archive** Rules let users define how **records** are stored, indexed, translated, and **archived**. The solution can be customized to meet specific electronic **record** management requirements.

DESCRIPTORS: Government Regulations; Instrument Control; Laboratories;
Laboratory Management; Science

HARDWARE: IBM PC & Compatibles

OPERATING SYSTEM: Oracle; Windows; Windows NT/2000; Windows XP

PROGRAM LANGUAGES: XML

TYPE OF PRODUCT: Micro

POTENTIAL USERS: Instrument Control, Laboratories, Medical Research

PRICE: Available upon request

REVISION DATE: 20040507

23/5/6

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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01018864

DOCUMENT TYPE: Product

PRODUCT NAME: LiveProcessor (018864)

Arcot Systems Inc (676969)

3200 Patrick Henry Dr #200

Santa Clara, CA 95054 United States

TELEPHONE: (408) 969-6100

RECORD TYPE: Directory

CONTACT: Sales Department

Arcot Systems' LiveProcessor is a processing engine for real-time credit card and check transactions. LiveProcessor provides a live interface to third-party payment processors. The **product** lets companies integrate **online authorization**, batch **authorization**, and settlement features with order processing, subscription, and e-commerce systems. LiveProcessor includes interfaces to American Express, First Data Corporation, Chase Merchant Services, and Paymentech systems. It includes conditional deposit, batch verification, and **draft** capture features. LiveProcessor includes the ebitGuard risk management service component. The system also includes duplicate prevention, address verification, fraud reduction, and connection filtering options. LiveProcessor supports multiple merchant accounts, and it can handle multiple currencies. The system includes Visa, MasterCard, and American Express account processing features. LiveProcessor features client application programming interfaces (APIs) for Java, ActiveX, C, and Perl.

DESCRIPTORS: Credit Cards; E-Billing; E-Commerce; Fraud Protection;
Retailers

HARDWARE: HP; IBM PC & Compatibles; IBM RS/6000; Pentium; Sun; UNIX

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

PureEdge's AssuredEnrollment and AssuredArchive let customers of online brokerages apply for accounts, be checked for credit, and be issued a digital certificate for security reasons when registering at a brokerage site. AssuredEnrollment is a legally binding **digital** account application, **approval**, and activation system. It lets customers begin trading immediately because it makes customer setup completely electronic and integrated with security and trust services, real-time credit checking, and electronic funds transfer (EFT). AssuredArchive is an SEC-compliant **archive** for storing digital applications that will be hosted by PureEdge, and that will provide double-blind, secure access to firms' **archives**. PureEdge plans to make the **products** available in May 2000.

COMPANY NAME: PureEdge Solutions Inc (688509)
SPECIAL FEATURE: Screen Layouts
DESCRIPTORS: Credit Analysis; E-Payment; Financial Institutions; Online
Stock Trading; Stock Brokers; Stock Market
REVISION DATE: 20001230

23/5/9

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.
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00123989 DOCUMENT TYPE: Review

PRODUCT NAMES: Adobe Acrobat Capture 3.0 (004138)

TITLE: Adobe Captures digital-paper solution
AUTHOR: Lahey, Liam
SOURCE: Computerworld Canada, v16 n5 p31(2) Mar 10, 2000
ISSN: 1484-9089
HOMEPAGE: <http://www.lti.on.ca>

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

Adobe Systems' Adobe Acrobat Capture 3.0 is available in Personal and Cluster Editions. Personal Edition permits users to convert up to 20,000 searchable Portable **Document** Format (PDF) pages, while Cluster Edition has identical production features but is scalable for high-volume environments and converts an infinite number of pages. Acrobat Capture 3.0 operates with a scanner. Users can convert paper **documents** into completely searchable PDF files. Capture has a completely new architecture and includes the ability to correct any optical character recognition (OCR) errors emerging from scanned **documents** in any of 16 languages. Integration with other software is supported through the Open **Document** Management API (ODMA) interface. Because high-**end** **production** companies often use PDF, says an analyst, Capture 3.0's enhancement of its conversion product is a good strategic move. Because PDF files are electronic files, they are small, accessible, navigable, searchable, linkable, and secure. With Capture 3.0, users add hyperlinks and make text searchable for easier cross-reference archiving. Workgroup users can access electronic forms, perform **document** markup, and add **digital signatures**. According to Claude Ezran, director of product marketing for the ePaper Solutions Group, Acrobat Capture 3.0 is most appropriate for large **documents** with 'content of value,' such as technical manuals.

COMPANY NAME: Adobe Systems Inc (Canada) (586501)
SPECIAL FEATURE: Charts
DESCRIPTORS: Acrobat; Electronic Publishing; File Conversion; Foreign
Language Packages; Integration Software; OCR; Scanners
REVISION DATE: 20001030

Set	Items	Description
S1	60419	UNSTRUCTURED (2N) (DOCUMENT? ? OR DATA OR INFORMATION OR FILE? ? OR RESOURCE? ? OR REPORT? ? OR INSTRUCTION?) OR DRAFT OR ARCHIVE? OR ARTWORK OR ART()WORK
S2	7261188	LINK? ? OR ASSOCIAT? OR RELAT? OR CONNECT? OR JOIN? OR COMBINE? OR INTEGRAT? OR AFFILIAT?
S3	55	TECHNICAL() REQUIREMENT? (2N) (DATA OR INFORMATION OR INSTRUCTION?)
S4	115791	(DATA OR INFORMATION OR INSTRUCTION?) (2N) (GROUP? OR CATEGORY? OR RANK? OR ARRANGE? OR ORDER? OR ORGANIZ? OR ORGANIS? OR - CLASSIF?)
S5	3927024	SUMMAR? OR DOCUMENT? OR REPORT? OR RECORD? OR BRIEF? OR DATA() (SHEET? OR INFORMATION) OR INSTRUCTION?
S6	4608980	DEFINE? OR DEFINING OR SPECIF? OR DESCRIB? OR STIPULAT?
S7	34576	(FINISH? OR FINAL? OR END???) (N) (PRODUCT? OR ITEM? OR MERCHANDISE OR WARE? OR COMMODIT?)
S8	8227	(ELECTRONIC OR DIGITAL OR ONLINE OR ON()LINE) (2N) (SIGNATURE? OR APPROV? OR AUTHORIZ? OR AUTHORIS? OR ACCEPT? OR SANCTION?)
S9	2	S1 AND S2 AND S3
S10	2	S1 AND S3
S11	38	S4 AND S5 AND S6 AND S7
S12	124	S1 AND S8
S13	0	S3 AND S8
S14	2159	S5 AND S8
S15	0	S12 AND S7
S16	3	S14 AND S7
S17	10	S12 AND (PRODUCT? OR MERCHANDISE)
S18	281	S14 AND (PRODUCT? OR MERCHANDISE)
S19	7	S18 AND S1
S20	19	S3 AND S5
S21	70	S9 OR S10 OR S11 OR S16 OR S17 OR S19 OR S20
S22	55	S21 NOT PY>2000
S23	55	S22 NOT PD>20001219
S24	50	RD (unique items)
File	8: Ei Compendex(R) 1970-2004/Jul W3	(c) 2004 Elsevier Eng. Info. Inc.
File	35: Dissertation Abs Online 1861-2004/May	(c) 2004 ProQuest Info&Learning
File	202: Info. Sci. & Tech. Abs. 1966-2004/Jul 12	(c) 2004 EBSCO Publishing
File	65: Inside Conferences 1993-2004/Jul W4	(c) 2004 BLDSC all rts. reserv.
File	2: INSPEC 1969-2004/Jul W3	(c) 2004 Institution of Electrical Engineers
File	233: Internet & Personal Comp. Abs. 1981-2003/Sep	(c) 2003 EBSCO Pub.
File	94: JICST-EPlus 1985-2004/Jul W1	(c) 2004 Japan Science and Tech Corp (JST)
File	99: Wilson Appl. Sci & Tech Abs 1983-2004/Jun	(c) 2004 The HW Wilson Co.
File	95: TEME-Technology & Management 1989-2004/Jun W1	(c) 2004 FIZ TECHNIK
File	583: Gale Group Globalbase(TM) 1986-2002/Dec 13	(c) 2002 The Gale Group

24/5/3 (Item 3 from file: 8)
DIALOG(R) File 8:EI Compendex(R)
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04930121 E.I. No: EIP98024045699

Title: Using a hypertext instructional design methodology in engineering education

Author: Mengel, Susan A.; Adams, William J.; Hagler, Marion O.

Corporate Source: Texas Tech Univ, Lubbock, TX, USA

Conference Title: Proceedings of the 1997 27th Annual Conference on Frontiers in Education. Part 2 (of 3)

Conference Location: Pittsburgh, PA, USA Conference Date: 19971105-19971108

Sponsor: IEEE

E.I. Conference No.: 47760

Source: Proceedings - Frontiers in Education Conference v 2 1997. IEEE, Piscataway, NJ, USA, 97CB36099. p 648-652

Publication Year: 1997

CODEN: PFECDR ISSN: 0190-5848

Language: English

Document Type: CA; (Conference Article) Treatment: G; (General Review)

Journal Announcement: 9804W1

Abstract: Inherent in good engineering is the practice of using a design methodology when constructing complex systems, whether they are bridges, circuits, or computer programs. The design methodology can help to work out problems before they make their way into the **final product**. Also, the design methodology can help to make all of the parts of the **final product** fit together better and thereby achieve a certain coherence in the design. A design methodology can be used to achieve similar coherence in building hypertext **instructional** systems. The design methodology **described** in this paper can be easily used by engineering educators and graduate students without special training after reading a description of it and working through an example application. The methodology uses the object-based paradigm, has checks for validity to help the user detect unreachable hypertext nodes, and incorporates sound **instructional** design principles. The value of the methodology is in making it easier for the user to **organize instructional** material carefully without having to spend a large amount of time in learning a complex design process and to incorporate components already developed that have been used successfully. (Author abstract) 17 Refs.

Descriptors: Engineering education; Computer aided **instruction**; Object oriented programming; Software engineering

Identifiers: Hypertext **instructional** design methodology

Classification Codes:

901.2 (Education); 723.5 (Computer Applications); 723.1 (Computer Programming)

901 (Engineering Profession); 723 (Computer Software)

90 (GENERAL ENGINEERING); 72 (COMPUTERS & DATA PROCESSING)

24/5/8 (Item 8 from file: 8)
DIALOG(R) File 8:EI Compendex(R)
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01353174 E.I. Monthly No: EI8305034306 E.I. Yearly No: EI83040130

Title: DIGITAL CLASSIFICATION OF LANDSAT DATA FOR VEGETATION AND LAND-COVER MAPPING IN THE BLACKFOOT RIVER WATERSHED, SOUTHEASTERN IDAHO.

Author: Pettinger, Lawrence R.

Source: Geol Surv Prof Pap (US) 1219 1982 39p

Publication Year: 1982

CODEN: XIPPAN ISSN: 0096-0446

Language: ENGLISH

Journal Announcement: 8305

Abstract: This paper **documents** the procedures, results, and **final products** of a digital analysis of Landsat data used to produce a vegetation and land-cover map of the Blackfoot River watershed in southeastern Idaho. Training set statistics were derived using a modified

Author Affiliation: Montreal Univ., Que., Canada
Journal: Bulletin of the American Society for Information Science
vol.25, no.6 p.14-16
Publisher: ASIS,
Publication Date: Aug.-Sept. 1999 Country of Publication: USA
CODEN: BASICR ISSN: 0095-4403
SICI: 0095-4403(199908/09)25:6L:14:TVC;1-T
Material Identity Number: A947-1999-005
U.S. Copyright Clearance Center Code: 0095-4403/99/\$0.00+0.75
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P)

Abstract: The article examines classification research at the 1997 ASIS Annual Meeting in Washington, DC. Breakout groups on various topics were formed. The discussion of the **group** covering visual **information** identified the need for some kind of typology of visual collections in order to gain an understanding of the nature of the organization of such material. It was noted that within the field of information science, activity centers very much on the organization of text based materials, and rightly so. However, there is a perception, within institutions and within the field in general, that visual information is less serious, less important than text based information: that its primary role is as support material, and that it is often associated with entertainment and nonscholarly pursuits. The article explains how a typology was constructed for picture collections. The **final product** was a chart depicting the World of Visual Collections in French and English. Four major modules of the world of collections emerged: types of institutions that house collections; types of users and uses of visual collections; the activities associated with creating and organizing collections; types of images. In addition, we identified aspects of the management of visual collections that cut across the facets and interact with each other in complex ways. These cross-cutting aspects center around responsibility for collections and also include the following: intellectual aspects; physical aspects; institutional aspects; user aspects. The article goes on to **describe** the kinds of information included in the various modules of the typology. (0 Refs)

Subfile: C

Descriptors: classification; **document** image processing; information retrieval systems; visual databases

Identifiers: visual collections typology; classification research; visual information; visual collections; information science; picture collections; World of Visual Collections; intellectual aspects; physical aspects; institutional aspects; user aspects

Class Codes: C7240 (Information analysis and indexing); C6130D (Document processing techniques); C5260B (Computer vision and image processing techniques); C6160S (Spatial and pictorial databases); C7250 (Information storage and retrieval)

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24/5/37 (Item 4 from file: 2)
DIALOG(R) File 2:INSPEC
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6248446 INSPEC Abstract Number: B1999-06-0140-013, C1999-06-0230B-006

Title: The European Draft Directive on a Common Framework for Electronic Signatures

Author(s): Dumortier, J.; Van Eecke, P.

Author Affiliation: Interdisciplinary Centre for Law & IT, Katholieke Univ., Leuven, Belgium

Journal: Computer Law and Security Report vol.15, no.2 p.106-12

Publisher: Elsevier,

Publication Date: March-April 1999 Country of Publication: UK

CODEN: CLSRE8 ISSN: 0267-3649

SICI: 0267-3649(199903/04)15:2L:106:EDDC;1-9

Material Identity Number: I919-1999-002

U.S. Copyright Clearance Center Code: 0267-3649/99/\$20.00

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: On 16th June 1998, the European Commission officially submitted a proposal for a European Parliament and Council Directive on a common framework for **electronic signatures**. After elaboration of the text by the Working Group on Telecommunications of the Council and the Committee of Permanent Representatives, a final proposal was submitted to the Council of Ministers for political agreement during its meeting held in Brussels on 27th November 1998. A political agreement could, however, not be reached on the Directive, and the Permanent Committee was instructed to further discuss the file. The most important reason for not agreeing on the proposal was the lack of consensus between the EU Member States on the need for requirements regarding the quality of the **products** used to create an **electronic signature** with full legal effect. It is the opinion of the authors of this article that the dispute between the Member States is due mainly to confusion on three levels: (1) the meaning of the term '**digital signature**'; (2) the meaning of the term 'regulation'; and (3) the legal recognition of **electronic signatures**. (0 Refs)

Subfile: B C

Descriptors: cryptography; government policies; legislation; politics

Identifiers: EU **Draft Directive**; common framework; **electronic signatures**; European Commission; European Parliament; European Council of Ministers; Working Group on Telecommunications; Committee of Permanent Representatives; political agreement; consensus; EU Member States; **product** quality requirements; legal effect; dispute; confusion; term meanings; **digital signature**; regulation; legal recognition

Class Codes: B0140 (Administration and management); B6120D (Cryptography); C0230B (Legal aspects of computing); C6130S (Data security)
Copyright 1999, IEE

24/5/38 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

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6160549 INSPEC Abstract Number: C1999-03-7104-020

Title: Configuration and version management in an SGML-based document management system

Author(s): Germe, L.

Author Affiliation: Sogitec, France

Conference Title: SGML Europe '97. Conference Proceedings p.91-4

Publisher: Graphic Commun. Assoc, Alexandria, VA, USA

Publication Date: 1996 Country of Publication: USA 341 pp.

Material Identity Number: XX-1997-00997

Conference Title: Proceedings of SGML '97. The Next Decade - Pushing the Envelope

Conference Date: 13-15 May 1997 Conference Location: Barcelona, Spain

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Many industrial sectors (aviation, automotive, etc.) have realized the importance of rational control of their **documentary** database. They are therefore in the market for open, effective systems to organize and update the **documentation** that also have a high degree of flexibility. These systems must meet **specific** requirements based on the complexity and size of the industrial projects performed. The database input is managed by the design offices which continually enter new data and the system output consists of releases which are the database viewing media for the users. The technical writers, translators, part listers, draftsmen, computer operators can all access the **documentary** database. They can all enter modifications frequently and in any **order**. The **data** entered in the **documentary** database are extremely varied, these including both text and illustrations from various sources. The **documentary** databases compiled and managed by each contractor are also used to prepare **documentation** for the buyers of the **final product**. The end users expect **documentation** that meets their needs, both in format and content. The releases are therefore provided in multiple formats. To meet these diverse requirements, Sogitec has developed Industrial **Documentary** Systems (IDS) independent of the **Document** Type Definitions (DTD) handled

and which are based on the concept of Data Modules. (0 Refs)

Subfile: C

Descriptors: configuration management; **document** handling; office automation; page description languages

Identifiers: version management; SGML-based **document** management system; **documentary** database; industrial projects; database input; technical writers; translators; part listers; draftsmen; computer operators; Sogitec; Industrial **Documentary** Systems; **Document** Type Definitions; Data Modules

Class Codes: C7104 (Office automation); C6130D (Document processing techniques)

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24/5/39 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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5689271 INSPEC Abstract Number: C9710-7840-041

Title: User requirements for framework geospatial data

Author(s): Frank, S.M.; Goodchild, M.E.; Onsrud, H.J.; Pinto, J.K.

Author Affiliation: Dept. of Surveying, New Mexico State Univ., Las Cruces, NM, USA

Journal: URISA Journal vol.8, no.2 p.38-50

Publisher: University of Wisconsin Press for URISA,

Publication Date: Fall 1996 Country of Publication: USA

CODEN: URJOEO ISSN: 1045-8077

SICI: 1045-8077(199623)8:2L.38:URFG;1-S

Material Identity Number: 0905-97001

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Common sets of geospatial data, usable across many applications, have been proposed as a method to promote GIS data sharing. Questions arise as to the appropriate characteristics of framework data. Which features need to be included in framework data sets? What accuracies are required for features? Which geocoding schemes are needed? How often do framework data sets need to be updated to remain useful? The National Center for Geographic Information and Analysis (NCGIA) conducted a nation-wide mail questionnaire survey to gather **information** concerning the **technical requirements** for geospatial **data**. The questionnaire targeted existing users of GIS or GIS products (i.e., maps, **reports**, etc. Generated from GIS). These users were asked for responses regarding their data needs for that class, including content, tasks for which the data are used, format, geocoding scheme, positional accuracy, vertical accuracy (if needed), updating interval, needs for historical data, and the sources for data currently being used. The returned information was analyzed across sectors of government, private industry, and academia by geographic region and by professional area of application, showing the technical preferences for framework data sets across each sector profile. (12 Refs)

Subfile: C

Descriptors: geographic information systems; information needs; spatial data structures; visual databases

Identifiers: user requirements; framework geospatial data; GIS data sharing; geocoding schemes; positional accuracy; updating interval; historical data; government; private industry; academia; geographic region; professional area

Class Codes: C7840 (Geography and cartography computing); C6160S (Spatial and pictorial databases); C7220 (Generation, dissemination, and use of information); C6120 (File organisation)

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24/5/40 (Item 7 from file: 2)

DIALOG(R)File 2:INSPEC

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5670939 INSPEC Abstract Number: C9710-7840-022

Title: A survey on user requirements for framework GIS data

Set	Items	Description
S1	499216	UNSTRUCTURED (2N) (DOCUMENT? ? OR DATA OR INFORMATION OR FILE? ? OR RESOURCE? ? OR REPORT? ? OR INSTRUCTION?) OR DRAFT OR ARCHIVE? OR ARTWORK OR ART()WORK
S2	15015553	LINK? ? OR ASSOCIAT? OR RELAT? OR CONNECT? OR JOIN? OR COMBINE? OR INTEGRAT? OR AFFILIAT?
S3	207	TECHNICAL() REQUIREMENT? (2N) (DATA OR INFORMATION OR INSTRUCTION?)
S4	438598	(DATA OR INFORMATION OR INSTRUCTION?) (2N) (GROUP? OR CATEGORY? OR RANK? OR ARRANGE? OR ORDER? OR ORGANIZ? OR ORGANIS? OR - CLASSIF?)
S5	11184326	SUMMAR? OR DOCUMENT? OR REPORT? OR RECORD? OR BRIEF? OR DATA() (SHEET? OR INFORMATION) OR INSTRUCTION?
S6	4523990	DEFINE? OR DEFINING OR SPECIF? OR DESCRIB? OR STIPULAT?
S7	142742	(FINISH? OR FINAL? OR END???) (N) (PRODUCT? OR ITEM? OR MERCHANDISE OR WARE? OR COMMODIT?)
S8	69317	(ELECTRONIC OR DIGITAL OR ONLINE OR ON()LINE) (2N) (SIGNATURE? OR APPROV? OR AUTHORIZ? OR AUTHORIS? OR ACCEPT? OR SANCTION?)
S9	1	S1 (S) S2 (S) S3
S10	1	S1 (S) S3
S11	22	S4 (S) S5 (S) S6 (S) S7
S12	1424	S1 (S) S8
S13	0	S3 (S) S8
S14	15675	S5 (S) S8
S15	0	S12 (S) S7
S16	13	S14 (S) S7
S17	326	S12 (S) (PRODUCT? OR MERCHANDISE)
S18	3868	S14 (S) (PRODUCT? OR MERCHANDISE)
S19	137	S18 (S) S1
S20	0	S3 (S) S8
S21	43	S3 (S) S5
S22	137	S17 (S) S5
S23	0	S22 (S) S3
S24	0	S17 (S) S3
S25	3866	S18 (S) S5
S26	0	S25 (S) S3
S27	78	S9 OR S10 OR S11 OR S16 OR S21
S28	65	S27 NOT PY>2000
S29	65	S28 NOT PY>20001219
S30	49	RD (unique items)
File	15:ABI/Inform(R)	1971-2004/Jul 28 (c) 2004 ProQuest Info&Learning
File	810:Business Wire	1986-1999/Feb 28 (c) 1999 Business Wire
File	647:CMP	Computer Fulltext 1988-2004/Jul W3 (c) 2004 CMP Media, LLC
File	275:Gale Group	Computer DB(TM) 1983-2004/Jul 29 (c) 2004 The Gale Group
File	674:Computer News	Fulltext 1989-2004/Jul W1 (c) 2004 IDG Communications
File	696:DIALOG	Telecom. Newsletters 1995-2004/Jul 23 (c) 2004 The Dialog Corp.
File	621:Gale Group	New Prod. Annou. (R) 1985-2004/Jul 29 (c) 2004 The Gale Group
File	636:Gale Group	Newsletter DB(TM) 1987-2004/Jul 29 (c) 2004 The Gale Group
File	813:PR Newswire	1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	613:PR Newswire	1999-2004/Jul 29 (c) 2004 PR Newswire Association Inc
File	16:Gale Group	PROMT(R) 1990-2004/Jul 29 (c) 2004 The Gale Group
File	160:Gale Group	PROMT(R) 1972-1989 (c) 1999 The Gale Group
File	553:Wilson Bus. Abs.	FullText 1982-2004/Jun (c) 2004 The HW Wilson Co

02430524 Supplier Number: 44836251 (THIS IS THE FULLTEXT)

THE LACK OF A PAPER TRAIL IS OFTEN A SIGNATURE EDI PROBLEM

Corporate EFT Report, v14, n13, pN/A

July 13, 1994

ISSN: 0272-0299

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1147

TEXT:

EDI is well known for eliminating paper documents, but in this capacity it also effectively has terminated another long-standing business artifice: the legal paper trail. Managing this confusion is now a fact of business life, but efforts by the federal government may soon make this task significantly less perplexing.

But the need to use a symbol in lieu of an electronic signature, so prevalent in today's legal climate, may soon be a thing of the past. According to the National Institute of Standards and Technology in Gaithersburg, Md., the federal government is a few months away from endorsing an electronic signature that will be presentable in court.

Security Efforts Improving

The technology that was to be the vanguard of the future paperless society has left the legal community a little bit nervous in the here and now, for the courts often rely on paper as evidence that a transaction had taken place -- a person's signature symbolized the authenticity of a transaction. But EDI has reversed corporations reliance on paper, and some in the legal community now question whether these electronic messages can stand up in the court of law.

To date, a dispute over EDI transactions has not faced the scrutiny of the judiciary. However, several recent cases could be applied to EDI technology as well. "What is taking place in society is a shift to computers for communication," said Benjamin Wright, a Dallas-based attorney, "(However), the law is prepared to make the shift because the law is not based on paper but on broader principles."

Prior to the electronic revolution, paper represented the main source of control over business transactions, primarily because it was hard to alter paper after it made its way to the recipient. EDI transactions also are becoming increasingly difficult to alter, as parties install both noncryptographic and cryptographic safeguards. In addition, the use of acknowledgement transaction sets can confirm a transaction or produce an exception report when messages do not agree with the proper controls designed to protect the integrity of the data. But even with all the safeguards, the issue of the validity of an EDI contract comes into question.

The Uniform Commercial Code (UCC) that governs the sales of goods in all states (with the exception of Louisiana) includes a provision known as the Statute of Frauds, which contains the following statement: "A contract for the sale of goods for the price of \$500 or more is not enforceable...unless there is some writing sufficient to indicate that a contract for sale has been made between the parties and signed by the party against whom enforcement is sought."

The difficulty with an EDI transaction is that it is neither written nor signed, and therefore runs the risk of being unenforceable under a strict interpretation of the Statute of Frauds.

But because the UCC defines "signed" to "include any symbol executed or adopted by a party with present intention to authenticate a writing," a trading partner may use an electronic identification code to signal that the transaction pertains to a particular party.

Managing Electronic John Hancocks

Thomas Smedinghoff, partner of Chicago-based McBride, Baker & Coles offers several possible approaches that trading partners can use to deal with the signature issue.

Ignore the requirements of the Statute of Frauds.

Follow-up electronic EDI documents with

paper documents (signed wherenecessary).
Agree to waive the requirements of the statute and not to assert a defense based on the Statute of Frauds in the event of a dispute.

Agree as to which symbols (e.g. a personal identification code, a name, a message authentication code) will be deemed by the partners to be their respective signatures. Also, agree that each EDI document properly received by one party and contains the sender's electronic signature shall be deemed to constitute a memorandum in writing.

The signature technique is not being used to protect information from prying eyes, however; it instead is being used to ensure that transactions are made in good faith. The **electronic signature** is the **end product** of a mathematical formula that uses both a numerical key and the **document** itself to create a string of coded electronic messages -- one person creates the signature with a secret key, and the recipient reads it with a second, public key.

If the document has been altered in any way it will no longer produce exactly the same signature sequence when combined with the key.

Federal officials, who developed the technique with the assistance of the National Security Agency, have licensed the technique to Sunnyvale, Calif. -based Cylink and other members of the consortium called Public Key partners. The exclusive license runs for 17 years on the federal digital signature technique. Under the terms of the agreement, state, federal and local governments will be able to use the technique for free, as will private citizens for personal uses such as filing tax returns. Businesses that want to use the technique will have to pay a royalty.

While this not the first attempt to design an electronic signature device, it is the first signature technology that has the backing of the federal government.

Skeptics still refuse to believe that the signature will be enforceable and are waiting for the courts to decide. However, the Controller General's Office of the U.S. Government Accounting Office ruled in 1991 that the Public Key's electronic signature will be considered a legally binding signature for all federal procurements.

The Defense Department wants to adopt the signature technique for its contracting activities, and the Internal Revenue Service wants to implement the service for its tax returns, possibly by the end of the decade.

Iran/Contra Could Affect EDI/EFT

The trial of U.S. v Poindexter is a good example of the adaptability of common law. National Security Advisor John Poindexter sent a message to Colonel Oliver North on the White House electronic mail system indicating that Poindexter approved of North's message to Congress. When Poindexter was later tried for wrongdoing in connection with the Iran-Contra scandal, the prosecution sought to admit record of that message as evidence, which the court allowed (in the form of a paper printout of the record).

The E-mail message was very similar to an EDI transaction. It was a computer -to-computer communication and it did not contain a signature tying the message with its writer.

Several issues had to be addressed. Was the message authentic? Could the system have been compromised and the message fabricated? "The reason the message was admitted is (due to the fact) that the system had the controls in place to deter errors and dishonesty," Wright said. The prosecution pointed out that the system was professionally designed and maintained, and that access was limited and controlled by passwords. "The lesson here is that system controls replaced paper controls," said Wright. (Call Thomas Smedinghoff 312/715-5700; Benjamin Wright 214/526-5254.)

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PUBLISHER NAME: Phillips Business Information, Inc.

INDUSTRY NAMES: BANK (Banking, Finance and Accounting); BUSN (Any type of business); CMPT (Computers and Office Automation)

... eyes, however; it instead is being used to ensure that transactions are made in good faith. The **electronic signature** is the **end product** of a mathematical formula that uses both a numerical key and the **document** itself to create a string of coded electronic messages -- one person creates the signature with a secret...

30/5,K/45 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06217159 Supplier Number: 54198917 (USE FORMAT 7 FOR FULLTEXT)
Developments contribute to increase in productivity.
Geiger, Stefan
PPCJ. Polymers Paint Colour Journal, v189, n4413, p30(1)
Feb, 1999
ISSN: 1357-731X
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 577
PUBLISHER NAME: FMJ International Publications Ltd.
COMPANY NAMES: *Tecos
EVENT NAMES: *230 (Production management)
GEOGRAPHIC NAMES: *4EXSI (Switzerland)
PRODUCT NAMES: *3569988 (Paint Mixing Equip)
INDUSTRY NAMES: BUSN (Any type of business); INTL (Business,
International)
NAICS CODES: 333999 (All Other Miscellaneous General Purpose Machinery
Manufacturing)
SPECIAL FEATURES: COMPANY

... Maintenance will be reduced.

Data exchange

The efficiency of a dispensing plant is to a large extent **defined** by the time that passes between when the sales office receives the customer order call for the **finished product** and the supply of the ordered products by the manufacturer. In this chain of events the control system of a modern dispensing plant has to handle data exchange in two forms: receive batch **data** for **orders** to be produced (batch numbers, recipes, data from colour-meters, and so on) and send back production data (weighing data, quality control data, **reporting**, and archiving).

The Tecos answer to that requirement is a PC -- PLC solution based on Siemens products...

30/5,K/46 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03361205 Supplier Number: 44659078 (USE FORMAT 7 FOR FULLTEXT)
New GMDSS Technologies to be Introduced
Comline Telecommunications, pN/A
May 6, 1994
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 140
PUBLISHER NAME: ODS Corporation
EVENT NAMES: *360 (Services information); 930 (Government regulation)
GEOGRAPHIC NAMES: *9JAPA (Japan)
PRODUCT NAMES: *4811840 (Marine Radio Services)
INDUSTRY NAMES: INTL (Business, International)
NAICS CODES: 513322 (Cellular and Other Wireless Telecommunications)

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

The Ministry of Posts and Telecommunications (MPT) recently received a partial **report** from the Telecommunications Technology Council (TTC)

concerning the technical requirements of four radio facilities intended to enhance...

...Japanese-language version of NAVTEX equipment. NAVTEX, or navigation telex, is used internationally to obtain maritime safety **information**. The **technical requirements** of the Japanese version of NAVTEX will be almost identical to that used now, except for the...